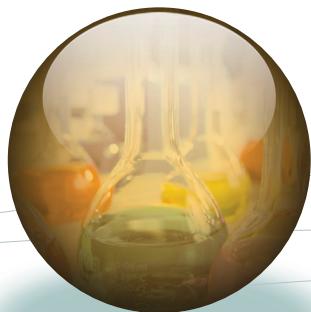


# Lipids

May 2009



**LGC** Standards

*Excellence through measurement*

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# Introduction

## About LGC Standards and LGC

LGC Standards is Europe's most comprehensive source of reference materials. We work closely with the leading manufacturers to provide laboratories worldwide with improved access to reference materials, covering an increasingly large range of parameters. Our network of offices in Europe, US, China and India combined with our extensive experience in selling reference materials, and our technical expertise, allow LGC Standards to work in partnership with our customers to provide fast delivery together with sound technical advice as well as dealing with complex import and export regulations.

LGC Standards is part of LGC, an established leader in laboratory services, measurement standards, reference materials and proficiency testing. LGC's business is focused upon customers in: forensic science; pharmaceutical and biotechnology research, development and quality control; food chain and environmental surveillance and safety; life science, genomics, proteomics and basic research. LGC also plays a pivotal role in a number of programmes with both government and industry to improve analytical standards and laboratory performance.

LGC's Research and Technology Division acts as the designated UK National Measurement Institute (NMI) for Chemical and Biochemical measurement, and has a long history in the development and validation of analytical methods and the production of reference materials.

Many of the analytical methods, which cover the food, environment, industrial, clinical and pharmaceutical sectors, are accredited to ISO/IEC 17025 (Requirements for the competency of testing and calibration laboratories). Full details of the accreditation schedule can be found on the UKAS website [www.ukas.com](http://www.ukas.com).

LGC's Research and Technology Division is accredited to ISO Guide 34 (General requirements for the competence of reference materials producers) for the production of reference materials. The measurement capabilities used to produce certified reference materials in its capacity as the UK NMI are verified through participation on key comparison studies organised by the Consultative Committee for the Amount of Substance (CCQM) of the International Weights and Measures Organisation (BIPM). The certificates are recognised by other National Measurement Institutes, under the Mutual Recognition Arrangement.

In its role as the NMI, LGC serves on the International Organisation for Standardisation (ISO) Committee for Reference Materials (REMCO), which aims to carry out and encourage a broad international effort for the harmonization, production and application of certified reference materials (CRMs).

## General ordering information

Prices and delivery procedures are shown in the price list that accompanies this catalogue, or are available from your local LGC Standards sales office. For products requiring special delivery procedures (cooled shipping, dangerous goods, etc) additional charges will be applied.

Please check with your local LGC Standards sales office for detailed procedures and transport charges where applicable.

Unless otherwise agreed in advance and in writing, orders are accepted only against LGC Standards standard terms and conditions of sale.

Once delivered to the customer, reference substances are not returnable. For this reason it is very important for users to be certain that the product ordered meets their needs.

LGC Standards technical staff are available to advise on the use and suitability of a particular product. Customers requiring assistance with the use or application of a particular reference substance should contact their local LGC Standards office, contact details are provided at the beginning of this catalogue.

For further information please contact any of the offices listed on the inside cover or visit [www.lgstandards.com](http://www.lgstandards.com).

## Fatty acids and derivatives

Saturated and unsaturated fatty acids occur, as triglycerides, mainly in plants and animals, such as in oil bearing seeds and fruits, tallow, lard and marine oils. In natural fats and oils, even numbered fatty acids are the predominant ones - odd numbered are rare.

### Saturated n-Fatty acids

Code	Product			Unit
LA 10-0300-9	Propionic acid No. of C: 3:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0300-13	Propionic acid			1 g
LA 10-0300-17	Propionic acid			10 g
LA 10-0400-9	Butyric acid No. of C: 4:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0400-13	Butyric acid			1 g
LA 10-0400-17	Butyric acid			10 g
LA 10-0500-9	Pentanoic acid No. of C: 5:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0500-13	Pentanoic acid			1 g
LA 10-0500-17	Pentanoic acid			10 g
LA 10-0600-9	Hexanoic acid (Caproic acid) No. of C: 6:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0600-13	Hexanoic acid (Caproic acid)			1 g
LA 10-0600-17	Hexanoic acid (Caproic acid)			10 g
LA 10-0700-9	Heptanoic acid No. of C: 7:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0700-13	Heptanoic acid			1 g
LA 10-0700-16	Heptanoic acid			5 g
LA 10-0800-9	Octanoic acid (Caprylic acid) No. of C: 8:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0800-13	Octanoic acid (Caprylic acid)			1 g
LA 10-0800-17	Octanoic acid (Caprylic acid)			10 g
LA 10-0900-9	Nonanoic acid (Pelargonic acid) No. of C: 9:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-0900-13	Nonanoic acid (Pelargonic acid)			1 g
LA 10-0900-16	Nonanoic acid (Pelargonic acid)			5 g
LA 10-1000-9	Decanoic acid (Capric acid) No. of C: 10:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-1000-13	Decanoic acid (Capric acid)			1 g
LA 10-1000-17	Decanoic acid (Capric acid)			10 g
LA 10-1100-9	Undecanoic acid No. of C: 11:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-1100-13	Undecanoic acid			1 g
LA 10-1100-16	Undecanoic acid			5 g
LA 10-1200-9	Dodecanoic acid (Lauric acid) No. of C: 12:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-1200-13	Dodecanoic acid (Lauric acid)			1 g
LA 10-1200-17	Dodecanoic acid (Lauric acid)			10 g
LA 10-1300-9	Tridecanoic acid No. of C: 13:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-1300-13	Tridecanoic acid			1 g
LA 10-1300-16	Tridecanoic acid			5 g
LA 10-1400-9	Tetradecanoic acid (Myristic acid) No. of C: 14:0	Documentation: GC	Purity: 99+%	100 mg
			Mw: 228.38	

## Fatty acids and derivatives

Code	Product			Unit
LA 10-1400-13	Tetradecanoic acid (Myristic acid)			1 g
LA 10-1400-17	Tetradecanoic acid (Myristic acid)			10 g
LA 10-1500-9	Pentadecanoic acid			100 mg
	No. of C: 15:0	Documentation: GC	Purity: 99+%	Mw: 242.41
LA 10-1500-13	Pentadecanoic acid			1 g
LA 10-1500-16	Pentadecanoic acid			5 g
LA 10-1600-9	Hexadecanoic acid (Palmitic acid)			100 mg
	No. of C: 16:0	Documentation: GC	Purity: 99+%	Mw: 256.43
LA 10-1600-13	Hexadecanoic acid (Palmitic acid)			1 g
LA 10-1600-17	Hexadecanoic acid (Palmitic acid)			10 g
LA 10-1700-9	Heptadecanoic acid (Margaric acid)			100 mg
	No. of C: 17:0	Documentation: GC	Purity: 99+%	Mw: 270.46
LA 10-1700-13	Heptadecanoic acid (Margaric acid)			1 g
LA 10-1700-16	Heptadecanoic acid (Margaric acid)			5 g
LA 10-1800-9	Octadecanoic acid (Stearic acid)			100 mg
	No. of C: 18:0	Documentation: GC	Purity: 99+%	Mw: 284.48
LA 10-1800-13	Octadecanoic acid (Stearic acid)			1 g
LA 10-1800-17	Octadecanoic acid (Stearic acid)			10 g
LA 10-1900-9	Nonadecanoic acid			100 mg
	No. of C: 19:0	Documentation: GC	Purity: 99+%	Mw: 298.52
LA 10-1900-13	Nonadecanoic acid			1 g
LA 10-1900-16	Nonadecanoic acid			5 g
LA 10-2000-9	Eicosanoic acid			100 mg
	No. of C: 20:0	Documentation: GC	Purity: 99+%	Mw: 312.54
LA 10-2000-13	Arachidic acid			1 g
LA 10-2000-16	Eicosanoic acid			5 g
LA 10-2100-9	Heneicosanoic acid			100 mg
	No. of C: 21:0	Documentation: GC	Purity: 99+%	Mw: 326.57
LA 10-2100-12	Heneicosanoic acid			500 mg
LA 10-2100-13	Heneicosanoic acid			1 g
LA 10-2200-9	Docosanoic acid (Behenic acid)			100 mg
	No. of C: 22:0	Documentation: GC	Purity: 99+%	Mw: 340.60
LA 10-2200-13	Docosanoic acid (Behenic acid)			1 g
LA 10-2200-16	Docosanoic acid (Behenic acid)			5 g
LA 10-2300-9	Tricosanoic acid			100 mg
	No. of C: 23:0	Documentation: GC	Purity: 99+%	Mw: 354.62
LA 10-2300-12	Tricosanoic acid			500 mg
LA 10-2300-13	Tricosanoic acid			1 g
LA 10-2400-9	Tetracosanoic acid (Lignoceric acid)			100 mg
	No. of C: 24:0	Documentation: GC	Purity: 99+%	Mw: 368.65
LA 10-2400-12	Tetracosanoic acid (Lignoceric acid)			500 mg
LA 10-2400-13	Tetracosanoic acid (Lignoceric acid)			1 g
LA 10-2500-7	Pentacosanoic acid			25 mg
	No. of C: 25:0	Documentation: GC	Purity: 99+%	Mw: 382.68
LA 10-2500-9	Pentacosanoic acid			100 mg
LA 10-2600-9	Hexacosanoic acid (Cerotic acid)			100 mg
	No. of C: 26:0	Documentation: GC	Purity: 99+%	Mw: 396.70
LA 10-2600-12	Hexacosanoic acid (Cerotic acid)			500 mg
LA 10-2600-13	Hexacosanoic acid (Cerotic acid)			1 g
LA 10-2700-7	Heptacosanoic acid			25 mg
	No. of C: 27:0	Documentation: GC	Purity: 97+%	Mw: 410.72
LA 10-2700-9	Heptacosanoic acid			100 mg

## Fatty acids and derivatives

Code	Product			Unit
LA 10-2800-9	Octacosanoic acid (Montanic acid) No. of C: 28:0	Documentation: GC	Purity: 99+%	100 mg
LA 10-2800-12	Octacosanoic acid (Montanic acid)			500 mg
LA 10-2900-7	Nonacosanoic acid No. of C: 29:0	Documentation: GC	Purity: 99+%	25 mg
LA 10-2900-9	Nonacosanoic acid			100 mg
LA 10-3000-7	Triacontanoic acid (Melissic acid) No. of C: 30:0	Documentation: GC	Purity: 98%	25 mg
LA 10-3000-9	Triacontanoic acid (Melissic acid)			100 mg

### Saturated n-Fatty acid methyl esters

LA 20-0300-9	Methyl propionate No. of C: 3:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0300-13	Methyl propionate			1 g
LA 20-0300-17	Methyl propionate			10 g
LA 20-0400-9	Methyl butyrate No. of C: 4:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0400-13	Methyl butyrate			1 g
LA 20-0400-17	Methyl butyrate			10 g
LA 20-0500-9	Methyl pentanoate No. of C: 5:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0500-13	Methyl pentanoate			1 g
LA 20-0500-17	Methyl pentanoate			10 g
LA 20-0600-9	Methyl hexanoate No. of C: 6:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0600-13	Methyl hexanoate			1 g
LA 20-0600-17	Methyl hexanoate			10 g
LA 20-0700-9	Methyl heptanoate No. of C: 7:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0700-13	Methyl heptanoate			1 g
LA 20-0700-16	Methyl heptanoate			5 g
LA 20-0800-9	Methyl octanoate No. of C: 8:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0800-13	Methyl octanoate			1 g
LA 20-0800-17	Methyl octanoate			10 g
LA 20-0900-9	Methyl nonanoate No. of C: 9:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-0900-13	Methyl nonanoate			1 g
LA 20-0900-16	Methyl nonanoate			5 g
LA 20-1000-9	Methyl decanoate No. of C: 10:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-1000-13	Methyl decanoate			1 g
LA 20-1000-17	Methyl decanoate			10 g
LA 20-1100-9	Methyl undecanoate No. of C: 11:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-1100-13	Methyl undecanoate			1 g
LA 20-1100-16	Methyl undecanoate			5 g
LA 20-1200-9	Methyl dodecanoate No. of C: 12:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-1200-13	Methyl dodecanoate			1 g
LA 20-1200-17	Methyl dodecanoate			10 g
LA 20-1300-9	Methyl tridecanoate No. of C: 13:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-1300-13	Methyl tridecanoate			1 g

## Fatty acids and derivatives

Code	Product		Unit
LA 20-1300-16	Methyl tridecanoate		5 g
LA 20-1400-9	Methyl tetradecanoate		100 mg
	No. of C: 14:0	Documentation: GC	Purity: 99+%
LA 20-1400-13	Methyl tetradecanoate		1 g
LA 20-1400-17	Methyl tetradecanoate		10 g
LA 20-1500-9	Methyl pentadecanoate		100 mg
	No. of C: 15:0	Documentation: GC	Purity: 99+%
LA 20-1500-13	Methyl pentadecanoate		1 g
LA 20-1500-16	Methyl pentadecanoate		5 g
LA 20-1600-9	Methyl hexadecanoate		100 mg
	No. of C: 16:0	Documentation: GC	Purity: 99+%
LA 20-1600-13	Methyl hexadecanoate		1 g
LA 20-1600-17	Methyl hexadecanoate		10 g
LA 20-1700-9	Methyl heptadecanoate		100 mg
	No. of C: 17:0	Documentation: GC	Purity: 99+%
LA 20-1700-13	Methyl heptadecanoate		1 g
LA 20-1700-16	Methyl heptadecanoate		5 g
LA 20-1800-9	Methyl octadecanoate		100 mg
	No. of C: 18:0	Documentation: GC	Purity: 99+%
LA 20-1800-13	Methyl octadecanoate		1 g
LA 20-1800-17	Methyl octadecanoate		10 g
LA 20-1900-9	Methyl nonadecanoate		100 mg
	No. of C: 19:0	Documentation: GC	Purity: 99+%
LA 20-1900-13	Methyl nonadecanoate		1 g
LA 20-1900-16	Methyl nonadecanoate		5 g
LA 20-2000-9	Methyl eicosanoate		100 mg
	No. of C: 20:0	Documentation: GC	Purity: 99+%
LA 20-2000-13	Methyl eicosanoate		1 g
LA 20-2000-16	Methyl eicosanoate		5 g
LA 20-2100-9	Methyl heneicosanoate		100 mg
	No. of C: 21:0	Documentation: GC	Purity: 99+%
LA 20-2100-12	Methyl heneicosanoate		500 mg
LA 20-2100-13	Methyl heneicosanoate		1 g
LA 20-2200-9	Methyl docosanoate		100 mg
	No. of C: 22:0	Documentation: GC	Purity: 99+%
LA 20-2200-13	Methyl docosanoate		1 g
LA 20-2200-16	Methyl docosanoate		5 g
LA 20-2300-9	Methyl tricosanoate		100 mg
	No. of C: 23:0	Documentation: GC	Purity: 99+%
LA 20-2300-12	Methyl tricosanoate		500 mg
LA 20-2300-13	Methyl tricosanoate		1 g
LA 20-2400-9	Methyl tetracosanoate		100 mg
	No. of C: 24:0	Documentation: GC	Purity: 99+%
LA 20-2400-12	Methyl tetracosanoate		500 mg
LA 20-2400-13	Methyl tetracosanoate		1 g
LA 20-2500-7	Methyl pentacosanoate		25 mg
	No. of C: 25:0	Documentation: GC	Purity: 99+%
LA 20-2500-9	Methyl pentacosanoate		100 mg
LA 20-2600-9	Methyl hexacosanoate		100 mg
	No. of C: 26:0	Documentation: GC	Purity: 99+%
LA 20-2600-12	Methyl hexacosanoate		500 mg
LA 20-2600-13	Methyl hexacosanoate		1 g

## Fatty acids and derivatives

Code	Product			Unit
LA 20-2700-7	Methyl heptacosanoate No. of C: 27:0	Documentation: GC	Purity: 99+%	25 mg
LA 20-2700-9	Methyl heptacosanoate			100 mg
LA 20-2800-9	Methyl octacosanoate No. of C: 28:0	Documentation: GC	Purity: 99+%	100 mg
LA 20-2800-12	Methyl octacosanoate			500 mg
LA 20-2900-7	Methyl nonacosanoate No. of C: 29:0	Documentation: GC	Purity: appr 99%	25 mg
LA 20-2900-9	Methyl nonacosanoate			100 mg
LA 20-3000-7	Methyl triacontanoate No. of C: 30:0	Documentation: GC	Purity: 98%	25 mg
LA 20-3000-9	Methyl triacontanoate			100 mg
LA 20-3100-7	Methyl hentriacontanoate No. of C: 31:0	Documentation: GC	Purity: 99+%	25 mg
LA 20-3100-9	Methyl hentriacontanoate			100 mg

### Unsaturated n-Fatty acids

LA 14-1001-8	10-Hydroxy-2tr-decenoic acid (Royal Jelly) No. of C: 10:1 Documentation: Not included			50 mg
LA 10-1101-9	10c-Undecenoic acid No. of C: 11:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1101-30	10c-Undecenoic acid			5 x 100 mg
LA 10-1201-9	11c-Dodecenoic acid No. of C: 12:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1201-30	11c-Dodecenoic acid			5 x 100 mg
LA 10-1301-9	12c-Tridecenoic acid No. of C: 13:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1301-30	12c-Tridecenoic acid			5 x 100 mg
LA 10-1401-9	Myristoleic acid (9c) No. of C: 14:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1401-30	Myristoleic acid (9c)			5 x 100 mg
LA 10-1601-9	Palmitoleic acid (9c) No. of C: 16:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1601-30	Palmitoleic acid (9c)			5 x 100 mg
LA 10-1602-9	Palmitelaidic (9tr) No. of C: 16:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1602-30	Palmitelaidic (9tr)			5 x 100 mg
LA 10-1607-5	(7Z)-Hexadecenoic acid Documentation: Product Data Sheet .... Purity: 98+%			10 mg
LA 10-1607-8	(7Z)-Hexadecenoic acid			50 mg
LA 10-1611-4	11(Z)-Hexadecenoic acid (cis-Palmitvaccenic acid) No. of C: 16:1	Documentation: GC-MS	Purity: 99%	5 mg
LA 10-1620-4	9(Z),12(Z)-Hexadecadienoic acid No. of C: 16:2 Documentation: GC-MS/ HPLC		Purity: 97+%	5 mg
LA 10-1701-9	10c-Heptadecenoic acid No. of C: 17:1	Documentation: GC	Purity: 99+%	100 mg
LA 10-1701-30	10c-Heptadecenoic acid			5 x 100 mg
LA 10-1702-7	10tr-Heptadecenoic acid No. of C: 17:1	Documentation: GC	Purity: 99+%	25 mg
LA 10-1702-29	10tr-Heptadecenoic acid			3 x 25 mg
LA 10-1801-13	Oleic acid (9c) No. of C: 18:1	Documentation: GC	Purity: 99+%	1 g
LA 10-1801-17	Oleic acid (9c)			10 g

## Fatty acids and derivatives

Code	Product			Unit
LA 10-1810-13	Elaidic acid (9tr)			1 g
	No. of C: 18:1	Documentation: GC	Purity: 99+%	Mw: 282.48
LA 10-1810-31	Elaidic acid (9tr)			5 X 1 g
LA 10-1811-9	Petroselinic (6c)			100 mg
	No. of C: 18:1	Documentation: GC	Purity: 99+%	Mw: 282.48
LA 10-1811-30	Petroselinic (6c)			5 x 100 mg
LA 10-1812-9	Vaccenic acid (11c)			100 mg
	No. of C: 18:1	Documentation: GC	Purity: 99+%	Mw: 282.48
LA 10-1812-30	Vaccenic acid (11c)			5 x 100 mg
LA 10-1813-9	Transvaccenic acid (11tr)			100 mg
	No. of C: 18:1	Documentation: GC	Purity: 99+%	Mw: 282.48
LA 10-1813-30	Transvaccenic acid (11tr)			5 x 100 mg
LA 14-1812-9	Ricinoleic acid (9c,12OH)			100 mg
	No. of C: 18:1	Documentation: GC	Purity: 99+%	Mw: 298.46
LA 14-1812-30	Ricinoleic acid (9c,12OH)			5 x 100 mg
LA 14-1822-9	Ricinelaidic acid (9tr,12OH)			100 mg
	No. of C: 18:1	Documentation: GC	Purity: 99+%	Mw: 298.46
LA 14-1822-30	Ricinelaidic acid (9tr,12OH)			5 x 100 mg
LA 10-1802-13	Linoleic acid (9c,12c)			1 g
	No. of C: 18:2	Documentation: GC	Purity: 99+%	Mw: 280.48
LA 10-1802-17	Linoleic acid (9c,12c)			10 g
LA 10-1820-9	Linoelaidic acid (9tr,12tr)			100 mg
	No. of C: 18:2	Documentation: GC	Purity: 99+%	Mw: 280.48
LA 10-1820-30	Linoelaidic acid (9tr,12tr)			5 x 100 mg
LA 10-1803-9	Linolenic acid (9c,12c,15c)			100 mg
	No. of C: 18:3	Documentation: GC	Purity: 99+%	Mw: 278.48
LA 10-1803-30	Linolenic acid (9c,12c,15c)			5 x 100 mg
LA 10-1830-9	gamma Linolenic acid (6c,9c,12c)			100 mg
	No. of C: 18:3	Documentation: GC	Purity: 99+%	Mw: 278.48
LA 10-1830-30	gamma Linolenic acid (6c,9c,12c)			5 x 100 mg
LA 10-1840-4	6c,9c,12c,15c-Octadecatetraenoic acid (Stearidonic acid)			5 mg
	No. of C: 18:4	Documentation: GC-MS / HPLC	Purity: 97+%	Mw: 276.48
LA 10-2001-9	11c-Eicosenoic acid			100 mg
	No. of C: 20:1	Documentation: GC	Purity: 99+%	Mw: 310.54
LA 10-2001-30	11c-Eicosenoic acid			5 x 100 mg
LA 10-2010-7	11tr-Eicosenoic acid			25 mg
	No. of C: 20:1	Documentation: GC	Purity: 99+%	Mw: 310.54
LA 10-2010-9	11tr-Eicosenoic acid			100 mg
LA 10-2014-5	(14Z)-Eicosenoic acid			10 mg
	Documentation: Product Data Sheet		Purity: 98+%	
LA 10-2014-8	(14Z)-Eicosenoic acid			50 mg
LA 10-2002-9	11c,14c-Eicosadienoic acid			100 mg
	No. of C: 20:2	Documentation: GC	Purity: 99+%	Mw: 308.53
LA 10-2002-30	11c,14c-Eicosadienoic acid			5 x 100 mg
LA 10-2003-9	11c,14c,17c-Eicosatrienoic acid			100 mg
	No. of C: 20:3	Documentation: GC	Purity: 99+%	Mw: 306.53
LA 10-2003-30	11c,14c,17c-Eicosatrienoic acid			5 x 100 mg
LA 10-2034-39	(5Z,8Z,14Z)-Eicosatrienoic acid			100 µg
	Documentation: Product Data Sheet		Purity: 98+%	
LA 10-2034-45	(5Z,8Z,14Z)-Eicosatrienoic acid			500 µg
LA 10-2035-2	Sciadonic acid [5(Z),11(Z),14(Z)-eicosatrienoic acid]			2 mg
	Documentation: GC-MS / HPLC		Purity: 97 %	

## Fatty acids and derivatives

Code	Product			Unit
LA 10-2013-7	Homo gamma linolenic acid (8c,11c,14c)			25 mg
	No. of C: 20:3 Documentation: GC	Purity: 99+%	Mw: 306.53	
LA 10-2013-9	Homogamma linolenic acid (8c,11c,14c)			100 mg
LA 10-2004-7	Arachidonic acid (5c,8c,11c,14c)			25 mg
	No. of C: 20:4 Documentation: GC	Purity: 99+%	Mw: 304.52	
LA 10-2004-9	Arachidonic acid (5c,8c,11c,14c)			100 mg
LA 10-2024-1	Omega3-Arachidonic acid (8c,11c,14c,17c)			1 mg
	No. of C: 20:4 Documentation: Not included	Purity: 98% Mw: 304.52		
LA 10-2024-4	Omega3-Arachidonic acid (8c,11c,14c,17c)			5 mg
LA 10-2005-9	5c,8c,11c,14c,17c-Eicosapentaenoic acid			100 mg
	No. of C: 20:5 Documentation: GC	Purity: 99+%	Mw: 302.52	
LA 10-2005-30	5c,8c,11c,14c,17c-Eicosapentaenoic acid			5 x 100 mg
LA 10-2201-9	Erucic acid (13c-Docosenoic acid)			100 mg
	No. of C: 22:1 Documentation: GC	Purity: 99+%	Mw: 338.59	
LA 10-2201-30	Erucic acid (13c-Docosenoic acid)			5 x 100 mg
LA 10-2210-9	Brassidic acid (13tr-Docosenoic acid)			100 mg
	No. of C: 22:1 Documentation: GC	Purity: 99+%	Mw: 338.59	
LA 10-2210-30	Brassidic acid (13tr-Docosenoic acid)			5 x 100 mg
LA 10-2202-7	13c,16c-Docosadienoic acid			25 mg
	No. of C: 22:2 Documentation: Not included	Purity: 99+%\nMw: 336.59		
LA 10-2202-29	13c,16c-Docosadienoic acid			3 x 25 mg
LA 10-2203-7	13c,16c,19c-Docosatrienoic acid			25 mg
	No. of C: 22:3 Documentation: Not included	Purity: 99+%\nMw: 334.58		
LA 10-2203-29	13c,16c,19c-Docosatrienoic acid			3 x 25 mg
LA 10-2214-5	(4Z,10Z,13Z,16Z)-Docosatetraenoic acid			10 mg
LA 10-2214-8	(4Z,10Z,13Z,16Z)-Docosatetraenoic acid			50 mg
LA 10-2204-7	7c,10c,13c,16c-Docosatetraenoic acid			25 mg
	No. of C: 22:4 Documentation: Not included	Purity: 99+%	Mw: 332.57	
LA 10-2204-29	7c,10c,13c,16c-Docosatetraenoic acid			3 x 25 mg
LA 10-2265-7	4c,7c,10c,13c,16c-Docosapentaenoic acid			25 mg
	No. of C: 22:5 Documentation: GC	Purity: 99+%	Mw: 330.57	
LA 10-2205-9	7,10,13,16,19 (c)-Docosapentaenoic acid			100 mg
	No. of C: 22:5 Documentation: GC	Purity: 99+%	Mw: 330.57	
LA 10-2205-30	7c,10,13c,16c,19c-Docosapentaenoic acid			5 x 100 mg
LA 10-2206-9	4c,7c,10c,13c,16c,19c-Docosahexaenoic acid			100 mg
	No. of C: 22:6 Documentation: GC	Purity: 99+%	Mw: 328.57	
LA 10-2206-30	4c,7c,10c,13c,16c,19c-Docosahexaenoic acid			5 x 100 mg
LA 10-2401-9	Nervonic acid (15c)			100 mg
	No. of C: 24:1 Documentation: GC	Purity: 99+%	Mw: 366.63	
LA 10-2401-30	Nervonic acid (15c)			5 x 100 mg
LA 10-2405-4	9c,12c,15c,18c,21c-Tetracosapentaenoic acid			5 mg
	No. of C: 24:5 Documentation: GC-MS / HPLC	Purity: 97+%	Mw: 358.63	
LA 10-2406-4	6c,9c,12c,15c,18c,21c-Tetracosahexaenoic acid			5 mg
	No. of C: 24:6 Documentation: GC-MS / HPLC	Purity: 97+%	Mw: 356.63	

### Unsaturated Fatty acid methyl esters

LA 20-1101-9	Methyl 10c-undecenoate			100 mg
	No. of C: 11:1 Documentation: GC	Purity: 99+%		
LA 20-1101-30	Methyl 10c-undecenoate			5 x 100 mg
LA 20-1201-9	Methyl 11c-dodecenoate			100 mg
	No. of C: 12:1 Documentation: GC	Purity: 99+%		

## Fatty acids and derivatives

Code	Product		Unit
LA 20-1201-30	Methyl 11c-dodecenoate		5 x 100 mg
LA 20-1301-9	Methyl 12c-tridecenoate		100 mg
	No. of C: 13:1 Documentation: GC	Purity: 99+%	
LA 20-1301-30	Methyl 12c-tridecenoate		5 x 100 mg
LA 20-1401-9	Methyl myristoleate (9c)		100 mg
	No. of C: 14:1 Documentation: GC	Purity: 99+%	
LA 20-1401-30	Methyl myristoleate (9c)		5 x 100 mg
LA 20-1601-9	Methyl palmitoleate (9c)		100 mg
	No. of C: 16:1 Documentation: GC	Purity: 99+%	
LA 20-1601-30	Methyl palmitoleate (9c)		5 x 100 mg
LA 20-1602-9	Methyl palmitelaidate (9tr)		100 mg
	No. of C: 16:1 Documentation: GC	Purity: 99+%	
LA 20-1602-30	Methyl palmitelaidate (9tr)		5 x 100 mg
LA 20-1701-9	Methyl 10c-heptadecenoate		100 mg
	No. of C: 17:1 Documentation: GC	Purity: 99+%	
LA 20-1701-30	Methyl 10c-heptadecenoate		5 x 100 mg
LA 20-1702-7	Methyl 10tr-heptadecenoate		25 mg
	No. of C: 17:1 Documentation: GC	Purity: 99+%	
LA 20-1702-29	Methyl 10tr-heptadecenoate		3 x 25 mg
LA 20-1801-13	Methyl oleate (9c)		1 g
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 20-1801-17	Methyl oleate (9c)		10 g
LA 20-1810-13	Methyl elaidate (9tr)		1 g
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 20-1810-31	Methyl elaidate (9tr)		5 x 1 g
LA 20-1811-9	Methyl petroselinoate (6c)		100 mg
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 20-1811-30	Methyl petroselinoate (6c)		5 x 100 mg
LA 20-1812-9	Methyl vaccenate (11c)		100 mg
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 20-1812-30	Methyl vaccenate (11c)		5 x 100 mg
LA 20-1813-9	Methyl transvaccenate (11tr)		100 mg
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 20-1813-30	Methyl transvaccenate (11tr)		5 x 100 mg
LA 24-1812-9	Methyl ricinoleate (9c,12OH)		100 mg
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 24-1812-30	Methyl ricinoleate (9c,12OH)		5 x 100 mg
LA 24-1822-9	Methyl ricinelaidate (9tr,12OH)		100 mg
	No. of C: 18:1 Documentation: GC	Purity: 99+%	
LA 24-1822-30	Methyl ricinelaidate (9tr,12OH)		5 x 100 mg
LA 20-1802-13	Methyl linoleate (9c,12c)		1 g
	No. of C: 18:2 Documentation: GC	Purity: 99+%	
LA 20-1802-17	Methyl linoleate (9c,12c)		10 g
LA 20-1820-9	Methyl linoelaidate (9tr,12tr)		100 mg
	No. of C: 18:2 Documentation: GC	Purity: 99+%	
LA 20-1820-30	Methyl linoelaidate (9tr,12tr)		5 x 100 mg
LA 20-1803-9	Methyl linolenate (9c,12c,15c)		100 mg
	No. of C: 18:3 Documentation: GC	Purity: 99+%	
LA 20-1803-30	Methyl linolenate (9c,12c,15c)		5 x 100 mg
LA 20-1830-9	Methyl gamma linolenate (6c,9c,12c)		100 mg
	No. of C: 18:3 Documentation: GC	Purity: 99+%	
LA 20-1830-30	Methyl gamma linolenate (6c,9c,12c)		5 x 100 mg

## Fatty acids and derivatives

Code	Product	Unit
LA 20-1840-4	Methyl octadecatetraenoate (6c,9c,12c,15c) (Methyl stearidonate) No. of C: 18:4 Documentation: GC-MS / HPLC	5 mg
LA 20-2001-9	Methyl 11c-eicosenoate No. of C: 20:1 Documentation: GC Purity: 99+%	100 mg
LA 20-2001-30	Methyl 11c-eicosenoate	5 x 100 mg
LA 20-2010-7	Methyl 11tr-eicosenoate No. of C: 20:1 Documentation: GC Purity: 99+%	25 mg
LA 20-2002-9	Methyl 11c,14c- eicosadienoate No. of C: 20:2 Documentation: GC Purity: 99+%	100 mg
LA 20-2002-30	Methyl 11c,14c- eicosadienoate	5 x 100 mg
LA 20-2003-9	Methyl eicosatrienoate (11c,14c,17c) No. of C: 20:3 Documentation: GC Purity: 99+%	100 mg
LA 20-2003-30	Methyl eicosatrienoate (11c,14c,17c)	5 x 100 mg
LA 20-2013-7	Methyl hommo-gammalinolenate (8c,11c,14c) No. of C: 20:3 Documentation: GC Purity: 99+%	25 mg
LA 20-2013-9	Methyl Hommo-gammalinolenate (8c, 11c, 14c)	100 mg
LA 20-2004-7	Methyl arachidonate (5c,8c,11c,14c) No. of C: 20:4 Documentation: GC Purity: 99+%	25 mg
LA 20-2004-9	Methyl arachidonate (5c,8c,11c,14c)	100 mg
LA 20-2024-1	Omega3-Methyl arachidonate (8c, 11c, 14c, 17c ) No. of C: 20:4 Documentation: Not included Purity: 98%	1 mg
LA 20-2024-4	omega-3-Methyl arachidonate (8c,11c,14c,17c)	5 mg
LA 20-2005-9	Methyl eicosapentaenoate (5c,8c,11c,14c,17c) No. of C: 20:5 Documentation: GC Purity: 99+%	100 mg
LA 20-2005-30	Methyl eicosapentaenoate (5c,8c,11c,14c,17c)	5 x 100 mg
LA 20-2201-9	Methyl erucate (13c) No. of C: 22:1 Documentation: GC Purity: 99+%	100 mg
LA 20-2201-30	Methyl erucate (13c)	5 x 100 mg
LA 20-2210-9	Methyl brassidate (13tr) No. of C: 22:1 Documentation: GC Purity: 99+%	100 mg
LA 20-2210-30	Methyl brassidate (13tr)	5 x 100 mg
LA 20-2202-7	Methyl docosadienoate (13c, 16c) No. of C: 22:2 Documentation: Not included Purity: 99+%	25 mg
LA 20-2202-29	Methyl docosadienoate (13c, 16c)	3 x 25 mg
LA 20-2203-7	Methyl docosatrienoate(13c, 16c, 19c) No. of C: 22:3 Documentation: Not included Purity: 99+%	25 mg
LA 20-2203-29	Methyl docosatrienoate(13c, 16c, 19c)	3 x 25 mg
LA 20-2204-7	Methyl docosatetraenoate (7c, 10c, 13c, 16c) No. of C: 22:4 Documentation: Not included Purity: 99+%	25 mg
LA 20-2204-29	Methyl docosatetraenoate (7c, 10c, 13c, 16c)	3 x 25 mg
LA 20-2265-7	Methyl docosapentaenoate (4c,7c,10c,13c,16c) No. of C: 22:5 Documentation: GC Purity: 99+%	25 mg
LA 20-2205-9	Methyl docosapentaenoate (7c,10c,13c,16c,19c) No. of C: 22:5 Documentation: GC Purity: 99+%	100 mg
LA 20-2205-30	Methyl docosapentaenoate (7c,10c,13c,16c,19c)	5 x 100 mg
LA 20-2206-9	Methyl docosahexaenoate (4c,7c,10c,13c,16c,19c) No. of C: 22:6 Documentation: GC Purity: 99+%	100 mg
LA 20-2206-30	Methyl docosahexaenoate (4c,7c,10c,13c,16c,19c)	5 x 100 mg
LA 20-2401-9	Methyl nervonate (15c) No. of C: 24:1 Documentation: GC Purity: 99+%	100 mg
LA 20-2401-30	Methyl nervonate (15c)	5 x 100 mg

## Fatty acids and derivatives

Code	Product	Unit
LA 20-2405-4	Methyl (9c,12c,15c,18c,21c)-tetracosapentaenoate No. of C: 24:5 Documentation: GC-MS / HPLC	5 mg
LA 20-2406-4	Methyl (9c,12c,15c,18c,21c)-tetracosapentaenoate No. of C: 24:6 Documentation: GC-MS / HPLC	5 mg

## Conjugated linoleic acids (CLAs) - Analytical standards

	Documentation: Not included	
LA 10-1823-7	9c,11tr-Octadecadienoic acid	25 mg
LA 10-1823-13	9c,11tr-Octadecadienoic acid	1 g
LA 10-1823-17	9c,11tr-Octadecadienoic acid	10 g
LA 10-1824-7	9c,11c-Octadecadienoic acid	25 mg
LA 10-1824-13	9c,11c-Octadecadienoic acid	1 g
LA 10-1825-7	9tr,11tr-Octadecadienoic acid	25 mg
LA 10-1826-7	10tr,12c-Octadecadienoic acid	25 mg
LA 10-1826-13	10tr,12c-Octadecadienoic acid	1 g
LA 20-1823-7	Methyl 9c,11tr-octadecadienoate	25 mg
LA 20-1824-7	Methyl 9c,11c-octadecadienoate	25 mg
LA 20-1825-7	Methyl 9tr,11tr-octadecadienoate	25 mg
LA 20-1826-7	Methyl 10tr,12c-octadecadienoate	25 mg

## Unusual fatty acids

A collection of unsaturated fatty acids having unusual double bond positions and/or geometries. Nonconjugated polyunsaturated fatty acids (PUFA's) behave differently, biologically and chemically, compared with corresponding conjugated PUFA homologues. Most non-conjugated PUFA's occur in various plants.

## Conjugated polyene fatty acids/Methyl esters

	Documentation: GC-MS/ HPLC	
	Purity: 97+%	
LA 10-1802-21-2	8(E),10(E)-Octadecadienoic acid	2 mg
LA 20-1802-21-2	8(E),10(E)-Octadecadienoic acid methyl ester	2 mg
LA 20-1802-22-2	11(E),13(E)-Octadecadienoic acid methyl ester	2 mg
LA 10-1802-22-2	11(E),13(E)-Octadecadienoic acid	2 mg
LA 20-1802-22-2	11(E),13(E)-Octadecadienoic acid methyl ester	2 mg
LA 10-1803-23-7	9(Z),11(E),13(E)-Octadecatrienoic acid (alpha-Eleostearic acid)	25 mg
LA 10-1803-24-7	9(E),11(E),13(E)-Octadecatrienoic acid (beta-Eleostearic acid)	25 mg
LA 10-1803-25-7	8(E),10(E),12(Z)-Octadecatrienoic acid (alpha-Calendic acid)	25 mg
LA 10-1803-26-7	8(E),10(E),12(E)-Octadecatrienoic acid (beta-Calendic acid)	25 mg
LA 10-1803-27-7	9(Z),11(E),13(Z)-Octadecatrienoic acid (Punicic acid)	25 mg
LA 10-1803-28-7	8(Z),10(E),12(Z)-Octadecatrienoic acid (Jacaric acid)	25 mg
LA 10-1803-31-4	9(E),11(E),13(Z)-Octadecatrienoic acid (Catalpic acid)	5 mg
LA 10-1803-20-11	9(Z),11(E),13(E),15(Z)-Octadecatetraenoic acid (alpha-Parinaric acid)	250 mg

## Odd-numbered polyunsaturated fatty acids (PUFA's)

	Documentation: GC-MS/ HPLC	
	Purity: 97+%	
LA 10-1703-1-4	8(Z),11(Z),14(Z)-Heptadecatrienoic acid	5 mg
LA 10-1902-1-4	10(Z),13(Z)-Nonadecadienoic acid	5 mg
LA 10-1903-1-4	7(Z),10(Z),13(Z)-Nonadecatrienoic acid	5 mg
LA 10-1903-2-4	10(Z),13(Z),16(Z)-Nonadecatrienoic acid	5 mg
LA 10-2103-1-4	12(Z),15(Z),18(Z)-Heneicosatrienoic acid	5 mg
LA 10-2103-2-4	9(Z),12(Z),15(Z)-Heneicosatrienoic acid	5 mg
LA 10-2104-1-4	6(Z),9(Z),12(Z),15(Z)-Heneicosatetraenoic acid	5 mg

## Fatty acids and derivatives

Code	Product	Unit
LA 10-2105-1-4	6(Z),9(Z),12(Z),15(Z),18(Z)-Heneicosapentaenoic acid	5 mg
LA 10-2305-1-4	8(Z),11(Z),14(Z),17(Z),20(Z)-Tricosapentaenoic acid	5 mg
LA 10-2306-1-4	5(Z),8(Z),11(Z),14(Z),17(Z),20(Z)-Tricosahexaenoic acid	5 mg

### Odd-numbered polyunsaturated fatty acids methyl esters

LA 20-1703-1-4	8(Z),11(Z),14(Z)-Heptadecatrienoic acid methyl ester	5 mg
LA 20-1902-1-4	10(Z),13(Z)-Nonadecadienoic acid methyl ester	5 mg
LA 20-1903-1-4	7(Z),10(Z),13(Z)-Nonadecatrienoic acid methyl ester	5 mg
LA 20-1903-2-4	10(Z),13(Z),16(Z)-Nonadecatrienoic acid methyl ester	5 mg
LA 20-2103-1-4	12(Z),15(Z),18(Z)-Heneicosatrienoic acid methyl ester	5 mg
LA 20-2103-2-4	9(Z),12(Z),15(Z)-Heneicosatrienoic acid methyl ester	5 mg
LA 20-2104-1-4	6(Z),9(Z),12(Z),15(Z)-Heneicosatetraenoic acid methyl ester	5 mg
LA 20-2105-1-4	6(Z),9(Z),12(Z),15(Z),18(Z)-Heneicosapentaenoic acid methyl ester	5 mg
LA 20-2305-1-4	8(Z),11(Z),14(Z),17(Z),20(Z)-Tricosapentaenoic acid methyl ester	5 mg
LA 20-2306-1-4	5(Z),8(Z),11(Z),14(Z),17(Z),20(Z)-Tricosahexaenoic acid methyl ester	5 mg

### Other unusual polyunsaturated fatty acids (PUFA's)

LA 10-1603-4	7(Z), 10(Z), 13(Z)-Hexadecatrienoic acid	5 mg
LA 10-1801-1-4	2(E)-Octadecenoic acid	5 mg
LA 10-1801-2-7	9(Z)-Octadecen-12-ynoic acid (Crepenynic acid)	25 mg
LA 10-1801-3-7	11(E)-Octadecen-9-ynoic acid (Santalbic or Ximenynic acid)	25 mg
LA 10-1802-1B-4	9(Z),12(E)-Octadecadienoic acid	5 mg
LA 10-1802-1C-4	9(E),12(Z)-Octadecadienoic acid	5 mg
LA 10-1802-20-4	5(Z),9(Z)-Octadecadienoic acid (Taxoleic acid)	5 mg
LA 10-1803-21-4	5(E),9(Z),12(Z)-Octadecatrienoic acid (Columbinic acid)	5 mg
LA 10-1803-22-4	5(Z),9(Z),12(Z)-Octadecatrienoic acid	5 mg
LA 10-1869-2	6(Z),9(Z)-Octadecadienoic acid	2 mg
LA 10-2001-1-4	9(Z)-Eicosenoic acid (Gadoleic acid)	5 mg
LA 10-2004-2-4	2(E),8(Z),11(Z),14(Z)-Eicosatetraenoic acid	5 mg
LA 10-2004-3-1	5(E),8(Z),11(Z),14(Z)-Eicosatetraenoic acid (5(E)-Arachidonic acid)	1 mg
LA 15-2030-2	5(Z),8Z),11(Z)-Eicosatrien-1,20-dioic acid	2 mg
LA 10-2033-2	Mead acid (5(Z),8(Z),11(Z)-C20:3)	2 mg
LA 10-2052-4	5,7-Eicosadiynoic acid	5 mg
LA 10-2204-1-4	2(E),10(Z),13(Z),16(Z)-Docosatetraenoic acid	5 mg
LA 10-2205-1-4	2(E),7(Z),10(Z),13(Z),16(Z)-Docosapentaenoic acid	5 mg
LA 10-2206-1-4	2(E),7(Z),10(Z),13(Z),16(Z),19(Z)-Docosahexaenoic acid	5 mg
LA 10-2206-2-1	4(E),7(Z),10(Z),13(Z),16(Z),19(Z)-Docosahexaenoic acid	1 mg
LA 10-2401-2-4	15(E)-Tetracosenoic acid (trans-Nervonic acid)	5 mg
LA 10-2407-4	2(E),6(Z), 9(Z), 12(Z), 15(Z), 18(Z), 21(Z)-Tetracosahexaenoic acid	5 mg

### Other unusual polyunsaturated fatty acids methyl esters

LA 20-1603-4	Methyl (7(Z), 10(Z), 13(Z))-Hexadecatrienoate	5 mg
LA 20-1801-1-4	2(E)-Octadecenoic acid methyl ester	5 mg
LA 20-1801-2-7	9(Z)-Octadecen-12-ynoic acid (Crepenynic acid) methyl ester	25 mg
LA 20-1801-3-7	11(E)-Octadecen-9-ynoic acid (Santalbic or Ximenynic acid)	25 mg
LA 20-1802-1B-4	9(Z),12(E)-Octadecadienoic acid methyl ester	5 mg
LA 20-1802-1C-4	9(E),12(Z)-Octadecadienoic acid methyl ester	5 mg

## Oxylipins

Code	Product	Unit
LA 20-1802-20-4	5(Z),9(Z)-Octadecadienoic acid (Taxoleic acid) methyl ester	5 mg
LA 20-1803-21-4	5(E),9(Z),12(Z)-Octadecatrienoic acid (Columbinic) methyl ester	5 mg
LA 20-1803-22-4	5(Z),9(Z),12(Z)-Octadecatrienoic acid methyl ester	5 mg
LA 20-1869-2	6(Z),9(Z)-Octadecadienoic acid methyl ester	2 mg
LA 20-2001-1-4	9(Z)-Eicosenoic acid (Gadoleic acid) methyl ester	5 mg
LA 20-2004-2-4	2(E),8(Z),11(Z),14(Z)-Eicosatetraenoic acid methyl ester	5 mg
LA 20-2004-3-1	5(E),8(Z),11(Z),14(Z)-Eicosatetraenoic acid (5(E)-Arachidonic acid) methyl ester	1 mg
LA 25-2030-2	5(Z),8(Z),11(Z)-Eicosatrien-1,2-dioic acid methyl ester	2 mg
LA 20-2033-2	Mead acid methyl ester (5(Z),8(Z),11(Z)-C20:3)	2 mg
LA 20-2204-1-4	2(E),10(Z),13(Z),16(Z)-Docosatetraenoic acid methyl ester	5 mg
LA 20-2205-1-4	2(E),7(Z),10(Z),13(Z),16(Z)-Docosapentaenoic acid methyl ester	5 mg
LA 20-2206-1-4	2(E),7(Z),10(Z),13(Z),16(Z),19(Z)-Docosahexaenoic acid methyl ester	5 mg
LA 20-2206-2-1	4(E),7(Z),10(Z),13(Z),16(Z),19(Z)-Docosahexaenoic acid methyl ester	1 mg
LA 20-2401-2-4	15(E)-Tetracosenoic acid methyl ester (trans-Nervonic acid)	5 mg
LA 20-2407-4	2(E),6(Z), 9(Z), 12(Z), 15(Z),18(Z),21(Z)-Tetracosaheptaenoic acid methyl ester	5 mg

## Omega-3 fish oil fatty acids products

Documentation: GC		
Purity: 90%		
LA 10-2005-90-13	EPA (5c,8c,11c,14c,17c)	1 g
LA 10-2005-90-16	EPA (5c,8c,11c,14c,17c)	5 g
LA 10-2005-90-19	EPA (5c,8c,11c,14c,17c)	25 g
LA 20-2005-90-16	EPA methyl ester	5 g
LA 20-2005-90-19	EPA methyl ester	25 g
LA 30-2005-90-13	EPA ethyl ester	1 g
LA 30-2005-90-16	EPA ethyl ester	5 g
LA 30-2005-90-19	EPA ethyl ester	25 g
LA 10-2206-90-13	DHA (4c,7c,10c,13c,16c,19c)	1 g
LA 10-2206-90-16	DHA (4c,7c,10c,13c,16c,19c)	5 g
LA 10-2206-90-19	DHA (4c,7c,10c,13c,16c,19c)	25 g
LA 20-2206-90-16	DHA methyl ester	5 g
LA 20-2206-90-19	DHA methyl ester	25 g
LA 30-2206-90-13	DHA ethyl ester	1 g
LA 30-2206-90-16	DHA ethyl ester	5 g
LA 30-2206-90-19	DHA ethyl ester	25 g

## Oxylipins

"Oxylipin" is a collective denomination for oxygenated compounds biosynthesized from fatty acids involving mono- or dioxygenase-catalyzed oxygenation. Further conversion of initially formed peroxide or hydroperoxide intermediates leads to biologically active metabolites.

### Oxylipins derived from linoleic acid

Documentation: GC-MS / HPLC

Purity: 97+%

Code	Product	Unit
LA 14-1802-2B-39	13(R,S)-Hydroperoxy-9(Z),11(E)-octadecadienoic acid	100 µg
LA 14-1802-2C-39	13(R,S)-Hydroperoxy-9(E),11(E)-octadecadienoic acid	100 µg
LA 14-1802-3A-1	13(S)-HOD [13(S)-hydroxy-9(Z),11(E)-octadecadienoic acid]	1 mg
LA 14-1802-3A-38	13(S)-HOD [13(S)-hydroxy-9(Z),11(e)-octadecadienoic acid]	5 x 1 mg
LA 14-1802-3B-39	10(R,S)-Hydroxy-8(E),12(Z)-octadecadienoic acid	100 µg
LA 14-1802-3C-39	12(R,S)-Hydroxy-9(Z),13(E)-octadecadienoic acid	100 µg
LA 14-1802-3D-39	15(R)-Hydroxy-9(Z),12(Z)-octadecadienoic acid (Avenoleic acid)	100 µg

## Oxylipins

Code	Product	Unit
LA 14-1802-3D-40	15(R)-Hydroxy-9(Z),12(Z)-octadecadienoic acid (Avenoleic acid)	5 x 100 µg
LA 14-1802-3F-39	13(R,S)-Hydroxy-9(Z),11(E)-octadecadienoic acid	100 µg
LA 14-1802-3G-39	13(R,S)-Hydroxy-9(E),11(E)-octadecadienoic acid	100 µg
LA 14-1802-4A-39	10-Oxo-11-phytoenoic acid [side chain cis isomer]	100 µg
LA 14-1802-4A-40	10-Oxo-11-phytoenoic acid [side chain cis isomer]	5 x 100 µg
LA 14-1802-4B-1	13-Oxo-9(Z),11(E)-octadecadienoic acid	1 mg
LA 14-1802-4B-38	13-Oxo-9(Z),11(E)-octadecadienoic acid	5 x 1 mg
LA 14-1802-4C-1	9-Oxo-10(E),12(Z)-octadecadienoic acid	1 mg
LA 14-1802-4C-38	9-Oxo-10(E),12(Z)-octadecadienoic acid	5 x 1 mg
LA 14-1802-5A-39	13-Hydroxy-12-oxo-9(Z)-octadecenoic acid	100 µg
LA 14-1802-5B-39	9-Hydroxy-10-oxo-12(Z)-octadecenoic acid	100 µg
LA 14-1802-6A-41	9-Hydroxy-12-oxo-10(E)-octadecenoic acid	50 µg
LA 14-1802-6A-42	9-Hydroxy-12-oxo-10(E)-octadecenoic acid	5 x 50 µg
LA 14-1802-7-39	Colneleic acid [9-[1'(E),3'(Z)-nonadienyloxy]-8(E)-nonenoic acid]	100 µg
LA 14-1802-7-40	Colneleic acid [9-[1'(E),3'(Z)-nonadienyloxy]-8(E)-nonenoic acid]	5 x 100 µg
LA 14-1802-8-39	Etheroleic acid [12-[1'(E)-hexenyloxy]-9(Z),11(E)-dodecadienoic acid]	100 µg
LA 14-1802-8-40	Etheroleic acid [12-[1'(E)-hexenyloxy]-9(Z),11(E)-dodecadienoic acid]	5 x 100 µg
LA 14-1802-9A-39	omega 5(Z)-Etheroleic acid [12-[1'(Z)-hexenyloxy]-9(Z),11(E)-dodecadienoic acid]	100 µg
LA 14-1802-9A-40	omega 5(Z)-Etheroleic acid [12-[1'(Z)-hexenyloxy]-9(Z),11(E)-dodecadienoic acid]	5 x 100 µg
LA 14-1802-9B-41	11(Z)-Etheroleic acid [12-[1'(E)-hexenyloxy]-9(Z),11(Z)-dodecadienoic acid]	50 µg
LA 14-1802-10A-1	9(S)-HPOD [9(S)-hydroperoxy-10(E),12(Z)-octadecadienoic acid]	1 mg
LA 14-1802-10A-38	9(S)-HPOD [9(S)-hydroperoxy-10(E),12(Z)-octadecadienoic acid]	5 x 1 mg
LA 14-1802-10B-1	9(S)-HOD [9(S)-hydroxy-10(E),12(Z)-octadecadienoic acid]	1 mg
LA 14-1802-10B-38	9(S)-HOD [9(S)-hydroxy-10(E),12(Z)-octadecadienoic acid]	5 x 1 mg
LA 14-1802-10C-39	9(R,S)-Hydroperoxy-10(E),12(Z)-octadecadienoic acid	100 µg
LA 14-1802-10D-39	9(R,S)-Hydroperoxy-10(E),12(E)-octadecadienoic acid	100 µg
LA 14-1802-10E-39	9(R,S)-Hydroxy-10(E),12(Z)-octadecadienoic acid	100 µg
LA 14-1802-10F-39	9(R,S)-Hydroxy-10(E),12(E)-octadecadienoic acid	100 µg
LA 24-1802-11A-39	Methyl 10(s),11(s)-epoxy-9(s)-hydroxy-12(Z)-octadecenoate	100 µg
LA 24-1802-11A-40	Methyl 10(s),11(s)-epoxy-9(s)-hydroxy-12(Z)-octadecenoate	5 x 100 µg
LA 24-1802-11B-39	Methyl 11(s),12(s)-epoxy-13(s)-hydroxy-9(Z)-octadecenoate	100 µg
LA 24-1802-11B-40	Methyl 11(s),12(s)-epoxy-13(s)-hydroxy-9(Z)-octadecenoate	5 x 100 µg
LA 24-1802-11C-39	Methyl 9(s),10(s)-epoxy-11(s)-hydroxy-12(Z)-octadecenoate	100 µg
LA 24-1802-11C-40	Methyl 9(s),10(s)-epoxy-11(s)-hydroxy-12(Z)-octadecenoate	5 x 100 µg
LA 24-1802-11D-39	Methyl 12(s),13(s)-epoxy-11(s)-hydroxy-9(Z)-octadecenoate	100 µg
LA 24-1802-11D-40	Methyl 12(s),13(s)-epoxy-11(s)-hydroxy-9(Z)-octadecenoate	5 x 100 µg
LA 24-1802-12A-41	Methyl 12(r),13(s)-epoxy-9(s)-hydroxy-10(e)-octadecenoate	50 µg
LA 24-1802-12A-42	Methyl 12(r),13(s)-epoxy-9(s)-hydroxy-10(e)-octadecenoate	5 x 50 µg
LA 24-1802-12B-41	Methyl 9(s),10(r)-epoxy-13(s)-hydroxy-11(e)-octadecenoate	50 µg
LA 24-1802-12B-42	Methyl 9(s),10(r)-epoxy-13(s)-hydroxy-11(e)-octadecenoate	5 x 50 µg
LA 14-1802-13-39	9(S),10(S),11(R)-Trihydroxy-12(Z)-octadecenoic acid	100 µg
LA 14-1802-13-40	9(S),10(S),11(R)-Trihydroxy-12(Z)-octadecenoic acid	5 x 100 µg
LA 14-1802-14-39	9(S),12(S),13(S)-Trihydroxy-10(E)-octadecenoic acid	100 µg
LA 14-1802-14-40	9(S),12(S),13(S)-Trihydroxy-10(E)-octadecenoic acid	5 x 100 µg
LA 14-1802-15-39	9(S),10(S),13(S)-Trihydroxy-11(E)-octadecenoic acid	100 µg
LA 14-1802-15-40	9(S),10(S),13(S)-Trihydroxy-11(E)-octadecenoic acid	5 x 100 µg
LA 14-1802-24-4	9-Oxononanoic acid	5 mg
LA 14-1802-27-4	3(Z)-Nonenal	5 mg
LA 14-1802-28-1	10,13-Epoxy-10,12-octadecadienoic acid	1 mg

## Oxylipins

Code	Product	Unit
<b>Oxylipins derived from linolenic acid</b>		
	Documentation: GC-MS / HPLC	
	Purity: 97+%	
LA 14-1803-2-1	13(S)-HPOT [13(S)-hydroperoxy-9(Z),11(E),15(Z)-octadecatrienoic acid]	1 mg
LA 14-1803-2-38	13(S)-HPOT [13(s)-hydroperoxy-9(Z),11(e),15(Z)-octadecatrienoic acid]	5 x 1 mg
LA 14-1803-3-1	13(S)-HOT [13(S)-hydroxy-9(Z),11(E),15(Z)-octadecatrienoic acid]	1 mg
LA 14-1803-3-38	13(S)-HOT [13(s)-hydroxy-9(Z),11(e),15(Z)-octadecatrienoic acid]	5 x 1 mg
LA 14-1803-4A-39	12-Oxo-10,15(Z)-phytodiеноic acid [side chain cis isomer, mainly 9(S),13(S)]	100 µg
LA 14-1803-4A-40	12-Oxo-10,15(Z)-phytodiеноic acid [side chain cis isomer, mainly 9(S),13(S)]	5 x 100 µg
LA 14-1803-4B-1	13-Oxo-9(Z),11(E),15(Z)-octadecatrienoic acid [13-KOT]	1 mg
LA 14-1803-4B-38	13-Oxo-9(Z),11(E),15(Z)-octadecatrienoic acid [13-KOT]	5 x 1 mg
LA 14-1803-4C-1	9-Oxo-10(E),12(Z),15(Z)-octadecatrienoic acid	1 mg
LA 14-1803-4C-38	9-Oxo-10(E),12(Z),15(Z)-octadecatrienoic acid	5 x 1 mg
LA 14-1803-5A-39	13-Hydroxy-12-oxo-9(Z),15(Z)-octadecadienoic acid	100 µg
LA 14-1803-5B-39	9-Hydroxy-10-oxo-12(Z),15(Z)-octadecadienoic acid	100 µg
LA 14-1803-6-41	9-Hydroxy-12-oxo-10(E),15(Z)-octadecadienoic acid	50 µg
LA 14-1803-6-42	9-Hydroxy-12-oxo-10(E),15(Z)-octadecadienoic acid	5 x 50 µg
LA 14-1803-7-39	Colnelenic acid [9-[1'(E),3'(Z),6'(Z)-nonatrienyloxy]-8(E)-nonenoic acid]	100 µg
LA 14-1803-7-40	Colnelenic acid [9-[1'(E),3'(Z),6'(Z)-nonatrienyloxy]-8(E)-nonenoic acid]	5 x 100 µg
LA 14-1803-8-39	Etherolenic acid [12-[1'(E),3'(Z)-hexadienyloxy]-9(Z),11(E)-dodecadienoic acid]	100 µg
LA 14-1803-8-40	Etherolenic acid [12-[1'(E),3'(Z)-hexadienyloxy]-9(Z),11(E)-dodecadienoic acid]	5 x 100 µg
LA 14-1803-9-39	omega 5(Z)-Etherolenic acid [12-[1'(Z),3'(Z)- hexadienyloxy]-9(Z),11(E)-dodecadienoic acid]	100 µg
LA 14-1803-9-40	omega 5(Z)-Etherolenic acid [12-[1'(Z),3'(Z)- hexadienyloxy]-9(Z),11(E)-dodecadienoic acid]	5 x 100 µg
LA 14-1803-10A-1	9(S)-HPOT [9(S)-hydroperoxy-10(E),12(Z),15(Z)-octadecatrienoic acid]	1 mg
LA 14-1803-10A-38	9(S)-HPOT [9(s)-hydroperoxy-10(e),12(Z),15(Z)-octadecatrienoic acid]	5 x 1 mg
LA 14-1803-10B-1	9(S)-HOT [9(S)-hydroxy-10(E),12(Z),15(Z)-octadecatrienoic acid]	1 mg
LA 14-1803-10B-38	9(S)-HOT [9(s)-hydroxy-10(e),12(Z),15(Z)-octadecatrienoic acid]	5 x 1 mg
LA 24-1803-11A-39	Methyl 10(s),11(s)-epoxy-9(s)-hydroxy-12(Z),15(Z)-octadecadienoate	100 µg
LA 24-1803-11A-40	Methyl 10(s),11(s)-epoxy-9(s)-hydroxy-12(Z),15(Z)-octadecadienoate	5 x 100 µg
LA 24-1803-11B-39	Methyl 11(s),12(s)-epoxy-13(s)-hydroxy-9(Z),15(Z)-octadecadienoate	100 µg
LA 24-1803-11B-40	Methyl 11(s),12(s)-epoxy-13(s)-hydroxy-9(Z),15(Z)-octadecadienoate	5 x 100 µg
LA 24-1803-11C-39	Methyl 9(s),10(s)-epoxy-11(s)-hydroxy-12(Z),15(Z)-octadecadienoate	100 µg
LA 24-1803-11C-40	Methyl 9(s),10(s)-epoxy-11(s)-hydroxy-12(Z),15(Z)-octadecadienoate	5 x 100 µg
LA 24-1803-11D-39	Methyl 12(s),13(s)-epoxy-11(s)-hydroxy-9(Z),15(Z)-octadecadienoate	100 µg
LA 24-1803-11D-40	Methyl 12(s),13(s)-epoxy-11(s)-hydroxy-9(Z),15(Z)-octadecadienoate	5 x 100 µg
LA 24-1803-12A-41	Methyl 12(r),13(s)-epoxy-9(s)-hydroxy-10(e),15(Z)-octadecadienoate	50 µg
LA 24-1803-12A-42	Methyl 12(r),13(s)-epoxy-9(s)-hydroxy-10(e),15(Z)-octadecadienoate	5 x 50 µg
LA 24-1803-12B-41	Methyl 9(s),10(r)-epoxy-13(s)-hydroxy-11(e),15(Z)-octadecadienoate	50 µg
LA 24-1803-12B-42	Methyl 9(s),10(r)-epoxy-13(s)-hydroxy-11(e),15(Z)-octadecadienoate	5 x 50 µg
LA 14-1803-13-39	9(S),10(S),11(R)-Trihydroxy-12(Z),15(Z)-octadecadienoic acid	100 µg
LA 14-1803-13-40	9(S),10(S),11(R)-Trihydroxy-12(Z),15(Z)-octadecadienoic acid	5 x 100 µg
LA 14-1803-14-39	9(S),12(S),13(S)-Trihydroxy-10(E),15(Z)-octadecadienoic acid	100 µg
LA 14-1803-14-40	9(S),12(S),13(S)-Trihydroxy-10(E),15(Z)-octadecadienoic acid	5 x 100 µg
LA 14-1803-15-39	9(S),10(S),13(S)-Trihydroxy-11(E),15(Z)-octadecadienoic acid	100 µg
LA 14-1803-15-40	9(S),10(S),13(S)-Trihydroxy-11(E),15(Z)-octadecadienoic acid	5 x 100 µg
LA 14-1803-17A-4	2(R)-Hydroxy-9(Z),12(Z),15(Z)-octadecatrienoic acid	5 mg
LA 14-1803-18-4	8(Z),11(Z),14(Z)-Heptadecatrienal	5 mg
LA 14-1802-25-4	12-Oxo-9(Z)-dodecenoic acid	5 mg
LA 14-1802-25-44	12-Oxo-9(Z)-dodecenoic acid	5 x 5 mg
LA 14-1802-26-4	12-Oxo-10(E)-dodecenoic acid (Traumatin)	5 mg
LA 14-1802-26-44	12-Oxo-10(E)-dodecenoic acid (Traumatin)	5 x 5 mg

## Oxygenated fatty acids - Oxilipin related

Code	Product	Unit
LA 14-1803-32-1	13(S)-Hydroxy-6(Z),9(Z),11(E)-octadecatrienoic acid [13(S)-HOTomega6]	1 mg

### Oxylipins - miscellaneous

	Documentation: GC-MS / HPLC	
	Purity: 97+%	
LA 14-1600-2-1	2(R,S)-Hydroperoxyhexadecanoic acid	1 mg
LA 14-1601-1-4	9,10,16-Trihydroxyhexadecanoic acid (Aleuritic acid)	5 mg
LA 14-1601-2-4	(±)-cis-9,10-Epoxyhexadecanoic acid	5 mg
LA 14-1601-3-4	(±)-trans-9,10-Epoxyhexadecanoic acid	5 mg
LA 14-1601-4-4	(±)-erythro-9,10-Dihydroxyhexadecanoic acid	5 mg
LA 14-1601-5-4	(±)-threo-9,10-Dihydroxyhexadecanoic acid	5 mg
LA 14-1603-3-39	11(S)-Hydroxy-7(Z),9(E),13(Z)-hexadecatrienoic acid	100 µg
LA 14-1603-2-39	11(S)-Hydroperoxy-7(Z),9(E),13(Z)-hexadecatrienoic acid	100 µg
LA 14-1603-2-40	11(S)-Hydroperoxy-7(Z),9(E),13(Z)-hexadecatrienoic acid	5 x 100 µg
LA 14-1603-3-40	11(S)-Hydroxy-7(Z),9(E),13(Z)-hexadecatrienoic acid	5 x 100 µg
LA 14-1801-17C-39	2(R,S)-Hydroperoxy-9(Z)-octadecenoic acid	100 µg
LA 14-2003-3-39	Dorignic acid (14-[1'(E)-hexenyl]oxy]-8(Z),11(Z),13(E)-tetradecatrienoic acid)	100 µg

## Oxygenated fatty acids - Oxilipin related

### Hydroxy fatty acids

Documentation: GC-MS / HPLC

Purity: 97+%

Code	Product	Unit
LA 14-1600-1-41	7(R)-Hydroxyhexadecanoic acid	50 µg
LA 14-1800-1-4	8(R)-Hydroxyoctadecanoic acid	5 mg
LA 14-1800-2-7	9(R)-Hydroxyoctadecanoic acid	25 mg
LA 14-1800-3-4	13(S)-Hydroxyoctadecanoic acid	5 mg
LA 14-1803-17B-1	2(R,S)-Hydroxy-9(Z),12(Z),15(Z)-octadecatrienoic acid	1 mg
LA 14-1802-3E-39	15(R,S)-Hydroxy-9(Z),12(Z)-octadecadienoic acid	100 µg
LA 14-2002-3-4	3(R,S)-Hydroxy-11(Z),14(Z)-eicosadienoic acid	5 mg
LA 14-2003-1-4	3(R,S)-Hydroxy-8(Z),11(Z),14(Z)-eicosatrienoic acid	5 mg
LA 14-2003-2-4	3(R,S)-Hydroxy-11(Z),14(Z),17(Z)-eicosatrienoic acid	5 mg
LA 14-2203-1-4	3(R,S)-Hydroxy-10(Z),13(Z),16(Z)-docosatrienoic acid	5 mg
LA 14-2203-2-4	3(R,S)-Hydroxy-13(Z),16(Z),19(Z)-docosatrienoic acid	5 mg
LA 14-2204-2-4	3(R,S)-Hydroxy-7(Z),10(Z),13(Z),16(Z)-docosatetraenoic acid	5 mg
LA 14-2205-2-4	3(R,S)-Hydroxy-7(Z),10(Z),13(Z),16(Z),19(Z)-docosapentaenoic acid	5 mg

### Hydroxy fatty acids methyl ester

Documentation: GC-MS / HPLC

Purity: 97+%

LA 24-1802-3B-39	11(R)-Hydroxy-9(Z),12(Z)-octadecadienoic acid methyl ester	100 µg
LA 24-1802-3C-39	11(R,S)-Hydroxy-9(Z),12(Z)-octadecadienoic acid methyl ester	100 µg
LA 24-2205-2-4	3(R,S)-Hydroxy-7(Z),10(Z),13(Z),16(Z),19(Z)-docosapentaenoic acid methyl ester	5 mg

### Oxo fatty acids

Documentation: GC-MS / HPLC

Purity: 97+%

LA 14-1800-4-4	2-Oxoocatadecanoic acid	5 mg
LA 14-1800-5-4	9-Oxoocatadecanoic acid	5 mg
LA 14-1800-6-4	12-Oxoocatadecanoic acid	5 mg
LA 14-1800-7-4	13-Oxoocatadecanoic acid	5 mg
LA 14-1800-8-39	16-Oxoocatadecanoic acid	100 µg

## Eicosanoids

Code	Product	Unit
LA 14-1801-20-4	12-Oxo-9(Z)-octadecenoic acid	5 mg
LA 14-1802-23-39	15-Oxo-9(Z),12(Z)-octadecadienoic acid	100 µg
LA 14-1803-30-1	2-Oxo-9(Z),12(Z),15(Z)-octadecatrienoic acid	1 mg

## Epoxy fatty acids

	Documentation: GC-MS / HPLC	
	Purity: 97+%	
LA 14-1801-4-4	(±)-cis-6,7-Epoxyoctadecanoic acid	5 mg
LA 14-1801-16F-4	(±)-cis-9,10-Epoxyoctadecanoic acid	5 mg
LA 14-1801-6-4	(±)-trans-9,10-Epoxyoctadecanoic acid	5 mg
LA 14-1801-7-4	(±)-cis-12,13-Epoxyoctadecanoic acid	5 mg
LA 14-1802-16A-1	(±)-cis-12,13-Epoxy-9(Z)-octadecenoic acid ((±)-Vernolic acid)	1 mg
LA 14-1802-16B-7	12(S),13(R)-Epoxy-9(Z)-octadecenoic acid ((+)-Vernolic acid)	25 mg
LA 14-1802-16C-4	12(R),13(S)-Epoxy-9(Z)-octadecenoic acid ((-) -Vernolic acid)	5 mg
LA 14-1802-16D-1	(±)-cis-9,10-Epoxy-12(Z)-octadecenoic acid ((±)-Coronarinic acid)	1 mg
LA 14-1802-16E-4	9(R),10(S)-Epoxy-12(Z)-octadecenoic acid ((+)-Coronarinic acid)	5 mg
LA 14-1803-16A-1	(±)-cis-12,13-Epoxy-9(Z),15(Z)-octadecadienoic acid	1 mg
LA 14-2002-1-1	(±)-cis-11,12-Epoxy-14(Z)-eicosenoic acid	1 mg
LA 14-2002-2-1	(±)-cis-14,15-Epoxy-11(Z)-eicosenoic acid ((±)-Alchornic)	1 mg

## Epoxy fatty acids methyl ester

	Documentation: GC-MS / HPLC	
	Purity: 97+%	
LA 24-1802-16B-7	12(S),13(R)-Epoxy-9(Z)-octadecenoic acid ((+)-Vernolic acid) methyl ester	25 mg
LA 24-2206-3-1	(±)-cis-4,5-Epoxy-7(Z),14(Z),13(Z),16(Z),19(Z)-Docosapentaenoic acid methyl ester	1 mg

## Dihydroxy fatty acids

	Documentation: GC-MS / HPLC	
	Purity: 97+%	
LA 14-1801-12-4	(±)-threo-6,7-Dihydroxyoctadecanoic acid	5 mg
LA 14-1801-19C-4	(±)-erythro-9,10-Dihydroxyoctadecanoic acid	5 mg
LA 14-1801-19D-4	(±)-threo-9,10-Dihydroxyoctadecanoic acid	5 mg
LA 14-1801-14-4	(±)-threo-12,13-Dihydroxyoctadecanoic acid	5 mg
LA 14-1802-19A-4	(±)-threo-9,10-Dihydroxy-12(Z)-octadecenoic acid	5 mg
LA 14-1802-19B-4	(±)-threo-12,13-Dihydroxy-9(Z)-octadecenoic acid	5 mg
LA 14-1803-19-1	(±)-threo-12,13-Dihydroxy-9(Z),15(Z)-octadecadienoic acid	1 mg

## Eicosanoids

Eicosanoids such as Prostaglandin H2 and Prostaglandin G2 are important substrates in the development of new pharmaceuticals (pain killers). PGH2 and PGG2 isomerize by the action of Prostaglandin E synthase (PGES) which is the key to the development of this kind of drug.

Documentation: HPLC or GC-MS/HPLC

Purity: 97+%

Code	Product	Unit
LA 14-2004-2-1	Prostaglandin H1 (PGH1)	1 mg
LA 14-2004-1-1	Prostaglandin H2 (PGH2)	1 mg
LA 14-2004-1-4	Prostaglandin H2 (PGH2)	5 mg
LA 14-2004-3-45	Prostaglandin G1 (PGG1)	500 µg
LA 14-2004-12-45	Prostaglandin G2 (PGG2)	500 µg
LA 14-2004-5-1	(±)-cis-5,6-Epoxy-8(Z),11(Z),14(Z)-eicosatrienoic acid	1 mg
LA 14-2004-14-1	N-[15(S)-Hydroxy-5(Z),8(Z),11(Z),13(E)-eicosatetraenoyl]-ethanolamine	1 mg
LA 14-2004-14-39	N-[15(S)-Hydroxy-5(Z),8(Z),11(Z),13(E)-eicosatetraenoyl]-ethanolamine	100 µg
LA 14-2004-16-39	14(R),15(S)-Dihydroxy-5(Z),8(Z),10(E),12(E)-eicosatetraenoic acid	100 µg

## Acyl-L-Carnitine Chlorides/Native % D labelled

Code	Product	Unit
LA 14-2004-17-39	14(S),15(S)-Dihydroxy-5(Z),8(Z),10(E),12(E)-eicosatetraenoic acid	100 µg
LA 14-2004-18-39	12(S)-HHTrE [12(s)-hydroxy-5(Z),8(e),10(e)-heptadecatrienoic acid]	100 µg
LA 14-2004-19-1	15(S)-Hydroperoxy-5(Z),8(Z),11(Z),13(E)-eicosatetraenoic acid [15(S)-HPETE]	1 mg
LA 14-2004-20-1	15(S)-Hydroxy-5(Z),8(Z),11(Z),13(E)-eicosatetraenoic acid [15(S)-HETE]	1 mg
LA 14-2004-21-1	15-Oxo-5(Z),8(Z),11(Z),13(E)-eicosatetraenoic acid [15-KETE]	1 mg
LA 24-2004-4-39	Methyl 13(r)-hydroxy-14(s),15(s)-epoxy-5(Z),8(Z),11(Z)-eicosatrienoate	100 µg
LA 24-2004-6-39	Methyl 13(s)-hydroxy-14(s),15(s)-epoxy-5(Z),8(Z),11(Z)-eicosatrienoate	100 µg
LA 24-2004-7-39	Methyl 11(r,s)-hydroxy-14(s),15(s)-epoxy-5(Z),8(Z),12(e)-eicosatrienoate	100 µg
LA 24-2004-13-45	Methyl 14,15-leukotriene A4	500 µg

## Acyl-L-Carnitine Chlorides/Native % D labelled

### L-Carnitine chlorides - native

L-Carnitine is known for stimulating fatty acid oxidation through various tissues. This process is reversible involving Coenzyme A-SH facilitating the transport of fatty acids across mitochondrial membranes.

Documentation: Data sheet

Code	Product	Unit
LA 17-0000-13	L-Carnitine,Free base (bovine)	1 g
LA 17-0100-13	L-Carnitine hydrochloride (bovine)	1 g
LA 17-0200-7	Acetyl-L-carnitine chloride	25 mg
LA 17-0200-9	Acetyl-L-carnitine chloride	100 mg
LA 17-0210-7	Acetyl-D-carnitine chloride	25 mg
LA 17-0210-9	Acetyl-D-carnitine chloride	100 mg
LA 17-0300-7	Propionyl-L-carnitine chloride	25 mg
LA 17-0300-9	Propionyl-L-carnitine chloride	100 mg
LA 17-0400-7	Butyryl-L-carnitine chloride	25 mg
LA 17-0400-9	Butyryl-L-carnitine chloride	100 mg
LA 17-0450-7	Isobutyryl-L-carnitine chloride	25 mg
LA 17-0450-9	Isobutyryl-L-carnitine chloride	100 mg
LA 17-0500-7	Valeryl-L-carnitine chloride	25 mg
LA 17-0500-9	Valeryl-L-carnitine chloride	100 mg
LA 17-0550-7	Isovaleryl-L-carnitine chloride	25 mg
LA 17-0550-9	Isovaleryl-L-carnitine chloride	100 mg
LA 17-0600-7	Hexanoyl-L-carnitine chloride	25 mg
LA 17-0600-9	Hexanoyl-L-carnitine chloride	100 mg
LA 17-0800-7	Octanoyl-L-carnitine chloride	25 mg
LA 17-0800-9	Octanoyl-L-carnitine chloride	100 mg
LA 17-1000-7	Decanoyl-L-carnitine chloride	25 mg
LA 17-1000-9	Decanoyl-L-carnitine chloride	100 mg
LA 17-1200-7	Lauroyl-L-carnitine chloride	25 mg
LA 17-1200-9	Lauroyl-L-carnitine chloride	100 mg
LA 17-1400-7	Myristoyl-L-carnitine chloride	25 mg
LA 17-1400-9	Myristoyl-L-carnitine chloride	100 mg
LA 17-1600-7	Palmitoyl-L-carnitine chloride	25 mg
LA 17-1600-9	Palmitoyl-L-carnitine chloride	100 mg
LA 17-1610-7	Palmitoyl-D-carnitine chloride	25 mg
LA 17-1610-9	Palmitoyl-D-carnitine chloride	100 mg
LA 17-1800-7	Stearoyl-L-carnitine chloride	25 mg
LA 17-1800-9	Stearoyl-L-carnitine chloride	100 mg
LA 17-1820-7	Linoleoyl-L-carnitine chloride	25 mg
LA 17-1820-9	Linoleoyl-L-carnitine chloride	100 mg

## Coenzyme A & Coenzyme A esters

Code	Product	Unit
<b>D-labelled L-acyl carnitine hydrochlorides</b>		
Documentation: Data sheet		
Purity: > 95%		
Deuterium: > 98%		
LA 71-1731-5	L-Carnitine.HCl (methyl-d3)	10 mg
LA 71-1731-8	L-Carnitine.HCl (methyl-d3)	50 mg
LA 71-1732-5	Acetyl (D3)-L-carnitine.HCl	10 mg
LA 71-1732-7	Acetyl (D3)-L-carnitine.HCl	25 mg
LA 71-1732-8	Acetyl (D3)-L-carnitine.HCl	50 mg
LA 71-1733-5	Propionyl (3,3,3-D3)-L-carnitine.HCl	10 mg
LA 71-1733-8	Propionyl (3,3,3-D3)-L-carnitine.HCl	50 mg
LA 71-1734-5	Butyryl (4,4,4-D3)-L-carnitine.HCl	10 mg
LA 71-1734-8	Butyryl (4,4,4-D3)-L-carnitine.HCl	50 mg
LA 71-1774-5	Isobutyryl (D7)-L-carnitine.HCl	10 mg
LA 71-1774-8	Isobutyryl (D7)-L-carnitine.HCl	50 mg
LA 71-1735-5	Valeryl (5,5,5-D3)-L-carnitine.HCl	10 mg
LA 71-1735-8	Valeryl (5,5,5-D3)-L-carnitine.HCl	50 mg
LA 71-1795-5	Isovaleryl (D9)-L-carnitine.HCl	10 mg
LA 71-1795-8	Isovaleryl (D9)-L-carnitine.HCl	50 mg
LA 71-1736-5	Hexanoyl (6,6,6-D3)-L-carnitine.HCl	10 mg
LA 71-1736-8	Hexanoyl (6,6,6-D3)-L-carnitine.HCl	50 mg
LA 71-1738-5	Octanoyl (8,8,8-D3)-L-carnitine.HCl	10 mg
LA 71-1738-8	Octanoyl (8,8,8-D3)-L-carnitine.HCl	50 mg
LA 71-1740-5	Decanoyl (10,10,10-D3)-L-carnitine.HCl	10 mg
LA 71-1740-8	Decanoyl (10,10,10-D3)-L-carnitine.HCl	50 mg
LA 71-1742-5	Dodecanoyl (12,12,12-D3)-L-carnitine.HCl	10 mg
LA 71-1742-8	Dodecanoyl (12,12,12-D3)-L-carnitine.HCl	50 mg
LA 71-1744-5	Tetradecanoyl (14,14,14-D3)-L-carnitine.HCl	10 mg
LA 71-1744-8	Tetradecanoyl (14,14,14-D3)-L-carnitine.HCl	50 mg
LA 71-1746-5	Hexadecanoyl (16,16,16-D3)-L-carnitine.HCl	10 mg
LA 71-1746-8	Hexadecanoyl (16,16,16-D3)-L-carnitine.HCl	50 mg
LA 71-1748-5	Octadecanoyl (18,18,18-D3)-L-carnitine.HCl	10 mg
LA 71-1748-8	Octadecanoyl (18,18,18-D3)-L-carnitine.HCl	50 mg
LA 71-1791-7	D,L-Carnitine.HCl (trimethyl-D9)	25 mg

## Coenzyme A & Coenzyme A esters

High purity Fatty Acid Coenzyme A esters for bioscientific research. A technical data sheet indicating spectrophotometric and chromatographic data is supplied with each product.

Code	Product	Unit
LA COA-1001-11	Coenzyme A, Free	250 mg
LA COA-1001-12	Coenzyme A, Free	500 mg
LA COA-1001-13	Coenzyme A, Free	1 g
LA COA-1010-8	Coenzyme A, Lithium salt	50 mg
LA COA-1010-11	Coenzyme A, Lithium salt	250 mg
LA COA-1010-12	Coenzyme A, Lithium salt	500 mg
LA COA-1010-13	Coenzyme A, Lithium salt	1 g
LA COA-1010-14	Coenzyme A, Lithium salt	2 g
LA 19-0200-5	Acetyl coenzyme A, Li salt	10 mg
LA 19-0200-7	Acetyl coenzyme A, Li salt	25 mg
LA 19-0200-9	Acetyl coenzyme A, Li salt	100 mg

## Methyl branched fatty acids and methyl esters - Native/D-labelled

Code	Product	Unit
LA 19-0300-5	Propionyl coenzyme A, Li salt	10 mg
LA 19-0300-7	Propionyl coenzyme A, Li salt	25 mg
LA 19-0300-9	Propionyl coenzyme A, Li salt	100 mg
LA 19-0400-5	Butyryl coenzyme A, Li salt	10 mg
LA 19-0400-7	Butyryl coenzyme A, Li salt	25 mg
LA 19-0400-9	Butyryl coenzyme A, Li salt	100 mg
LA 19-0410-5	Crotonyl coenzyme A, Li-salt	10 mg
LA 19-0410-7	Crotonyl coenzyme A, Li-salt	25 mg
LA 19-0600-5	Hexanoyl coenzyme A, Li salt	10 mg
LA 19-0600-7	Hexanoyl coenzyme A, Li salt	25 mg
LA 19-0600-9	Hexanoyl coenzyme A, Li salt	100 mg
LA 19-0800-5	Octanoyl coenzyme A, Free	10 mg
LA 19-0800-7	Octanoyl coenzyme A, Free	25 mg
LA 19-0800-9	Octanoyl coenzyme A, Free	100 mg
LA 19-1000-5	Decanoyl coenzyme A, Free	10 mg
LA 19-1000-7	Decanoyl coenzyme A, Free	25 mg
LA 19-1200-5	Lauroyl coenzyme A, Free	10 mg
LA 19-1200-7	Lauroyl coenzyme A, Free	25 mg
LA 19-1200-9	Lauroyl coenzyme A, Free	100 mg
LA 19-1400-5	Myristoyl coenzyme A, Free	10 mg
LA 19-1400-7	Myristoyl coenzyme A, Free	25 mg
LA 19-1400-9	Myristoyl coenzyme A, Free	100 mg
LA 19-1600-5	Palmitoyl coenzyme A, K salt	10 mg
LA 19-1600-7	Palmitoyl coenzyme A, K salt	25 mg
LA 19-1600-9	Palmitoyl coenzyme A, K salt	100 mg
LA 19-1700-5	Heptadecanoyl coenzyme A, Free	10 mg
LA 19-1800-5	Stearoyl coenzyme A, Free	10 mg
LA 19-1800-7	Stearoyl coenzyme A, Free	25 mg
LA 19-1800-9	Stearoyl coenzyme A, Free	100 mg
LA 19-1815-5	Oleoyl coenzyme A, K salt	10 mg
LA 19-1815-7	Oleoyl coenzyme A, K salt	25 mg
LA 19-1815-9	Oleoyl coenzyme A, K salt	100 mg
LA 19-1820-4	Linoleoyl coenzyme A, Free	5 mg
LA 19-1820-5	Linoleoyl coenzyme A, Free	10 mg
LA 19-1900-5	Nonadecanoyl coenzyme A, Free	10 mg

## Methyl branched fatty acids and methyl esters - Native/D-labelled

### Phytanic/Pristanic acid & derivates

Documentation: GC or GC / MS

Code	Product	Unit
LA 11-1500-4	Pristanic acid	5 mg
LA 21-1500-4	Methyl pristanate	5 mg
LA 11-1600-8	Phytanic acid	50 mg
LA 11-1600-9	Phytanic acid	100 mg
LA 11-1600-12	Phytanic acid	500 mg
LA 11-1600-13	Phytanic acid	1 g
LA 21-1600-8	Methyl phytanate	50 mg
LA 21-1600-9	Methyl phytanate	100 mg
LA 21-1600-12	Methyl phytanate	500 mg
LA 21-1600-13	Methyl phytanate	1 g

## Methyl branched fatty acids and methyl esters - Native/D-labelled

Code	Product	Unit
LA 14-1642-4	2-Hydroxyphytanic acid	5 mg
LA 71-1600-7	Phytanic acid (3-methyl-D3)	25 mg
LA 71-1600-8	Phytanic acid (3-methyl-D3)	50 mg
LA 71-1500-7	Pristanic acid (2-methyl-D3)	25 mg
LA 71-1500-8	Pristanic acid (2-methyl-D3)	50 mg

### Iso-acids( CH3)2CH-(CH2)n-COOH

LA 11-0908-7	8-Methylnonanoic acid No. of C: iso-C 10:0	25 mg
LA 11-0908-9	8-Methylnonanoic acid	100 mg
LA 11-0908-11	8-Methylnonanoic acid	250 mg
LA 11-1110-7	10-Methylundecanoic acid No. of C: iso-C 12:0	25 mg
LA 11-1110-9	10-Methylundecanoic acid	100 mg
LA 11-1110-11	10-Methylundecanoic acid	250 mg
LA 11-1211-7	11-Methyldodecanoic acid No. of C: iso-C 13:0	25 mg
LA 11-1211-9	11-Methyldodecanoic acid	100 mg
LA 11-1211-11	11-Methyldodecanoic acid	250 mg
LA 11-1312-7	12-Methyltridecanoic acid No. of C: iso-C 14:0	25 mg
LA 11-1312-9	12-Methyltridecanoic acid	100 mg
LA 11-1312-11	12-Methyltridecanoic acid	250 mg
LA 11-1413-7	13-Methyltetradecanoic acid No. of C: iso-C 15:0	25 mg
LA 11-1413-9	13-Methyltetradecanoic acid	100 mg
LA 11-1413-11	13-Methyltetradecanoic acid	250 mg
LA 11-1514-7	14-Methylpentadecanoic acid No. of C: iso-C 16:0	25 mg
LA 11-1514-9	14-Methylpentadecanoic acid	100 mg
LA 11-1514-11	14-Methylpentadecanoic acid	250 mg
LA 11-1615-7	15-Methylhexadecanoic acid No. of C: iso-C 17:0	25 mg
LA 11-1615-9	15-Methylhexadecanoic acid	100 mg
LA 11-1615-11	15-Methylhexadecanoic acid	250 mg
LA 11-1716-7	16-Methylheptadecanoic acid No. of C: iso-C 18:0	25 mg
LA 11-1716-9	16-Methylheptadecanoic acid	100 mg
LA 11-1716-11	16-Methylheptadecanoic acid	250 mg
LA 11-1817-7	17-Methyloctadecanoic acid No. of C: iso-C 19:0	25 mg
LA 11-1817-9	17-Methyloctadecanoic acid	100 mg
LA 11-1817-11	17-Methyloctadecanoic acid	250 mg
LA 11-1918-7	18-Methylnonadecanoic acid No. of C: iso-C 20:0	25 mg
LA 11-1918-9	18-Methylnonadecanoic acid	100 mg
LA 11-1918-11	18-Methylnonadecanoic acid	250 mg
LA 11-2019-7	19-Methyleicosanoic acid No. of C: iso-C 21:0	25 mg
LA 11-2019-9	19-Methyleicosanoic acid	100 mg
LA 11-2019-11	19-Methyleicosanoic acid	250 mg
LA 11-1251-1	11-Methyl-2(Z)-dodecenoic acid No. of C: iso-C 13:0	1 mg
LA 11-1251-4	11-Methyl-2(Z)-dodecenoic acid	5 mg

## Methyl branched fatty acids and methyl esters - Native/D-labelled

Code	Product	Unit
LA 11-1261-1	11-Methyl-2(E)-dodecenoic acid No. of C: iso-C 13:0	1 mg
LA 11-1261-4	11-Methyl-2(E)-dodecenoic acid	5 mg

### Iso-acids ( CH3)2CH-(CH2)n-COOH methyl ester

	Documentation: GC	
	Purity: 98+%	
LA 21-0908-7	Methyl 8-methylnonanoate	25 mg
LA 21-0908-9	Methyl 8-methylnonanoate	100 mg
LA 21-0908-11	Methyl 8-methylnonanoate	250 mg
LA 21-1110-7	Methyl 10-methylundecanoate	25 mg
LA 21-1110-9	Methyl 10-methylundecanoate	100 mg
LA 21-1110-11	Methyl 10-methylundecanoate	250 mg
LA 21-1211-7	Methyl 11-methyldodecanoate	25 mg
LA 21-1211-9	Methyl 11-methyldodecanoate	100 mg
LA 21-1211-11	Methyl 11-methyldodecanoate	250 mg
LA 21-1312-7	Methyl 12-methyltridecanoate	25 mg
LA 21-1312-9	Methyl 12-methyltridecanoate	100 mg
LA 21-1312-11	Methyl 12-methyltridecanoate	250 mg
LA 21-1413-7	Methyl 13-methyltetradecanoate	25 mg
LA 21-1413-9	Methyl 13-methyltetradecanoate	100 mg
LA 21-1413-11	Methyl 13-methyltetradecanoate	250 mg
LA 21-1514-7	Methyl 14-methylpentadecanoate	25 mg
LA 21-1514-9	Methyl 14-methylpentadecanoate	100 mg
LA 21-1514-11	Methyl 14-methylpentadecanoate	250 mg
LA 21-1615-7	Methyl 15-methylhexadecanoate	25 mg
LA 21-1615-9	Methyl 15-methylhexadecanoate	100 mg
LA 21-1615-11	Methyl 15-methylhexadecanoate	250 mg
LA 21-1716-7	Methyl 16-methylheptadecanoate	25 mg
LA 21-1716-9	Methyl 16-methylheptadecanoate	100 mg
LA 21-1716-11	Methyl 16-methylheptadecanoate	250 mg
LA 21-1817-7	Methyl 17-methyloctadecanoate	25 mg
LA 21-1817-9	Methyl 17-methyloctadecanoate	100 mg
LA 21-1817-11	Methyl 17-methyloctadecanoate	250 mg
LA 21-1918-7	Methyl 18-methylnonadecanoate	25 mg
LA 21-1918-9	Methyl 18-methylnonadecanoate	100 mg
LA 21-1918-11	Methyl 18-methylnonadecanoate	250 mg
LA 21-2019-7	Methyl 19-methyleicosanoate	25 mg
LA 21-2019-9	Methyl 19-methyleicosanoate	100 mg
LA 21-2019-11	Methyl 19-methyleicosanoate	250 mg

### Anteiso-acids CH3CH2CH-(CH3)-(CH2)n-COOH

	Documentation: GC	
	Purity: 98+%	
LA 11-1109-7	9-Methylundecanoic acid No. of C: anteiso-C12:0	25 mg
LA 11-1109-9	9-Methylundecanoic acid	100 mg
LA 11-1109-11	9-Methylundecanoic acid	250 mg
LA 11-1210-7	10-Methyldodecanoic acid No. of C: anteiso-C13:0	25 mg
LA 11-1210-9	10-Methyldodecanoic acid	100 mg
LA 11-1210-11	10-Methyldodecanoic acid	250 mg

## Methyl branched fatty acids and methyl esters - Native/D-labelled

Code	Product	Unit
LA 11-1311-7	11-Methyltridecanoic acid No. of C: anteiso-C14:0	25 mg
LA 11-1311-9	11-Methyltridecanoic acid	100 mg
LA 11-1311-11	11-Methyltridecanoic acid	250 mg
LA 11-1412-7	12-Methyltetradecanoic acid No. of C: anteiso-C15:0	25 mg
LA 11-1412-9	12-Methyltetradecanoic acid	100 mg
LA 11-1412-11	12-Methyltetradecanoic acid	250 mg
LA 11-1513-7	13-Methylpentadecanoic acid No. of C: anteiso-C16:0	25 mg
LA 11-1513-9	13-Methylpentadecanoic acid	100 mg
LA 11-1513-11	13-Methylpentadecanoic acid	250 mg
LA 11-1614-7	14-Methylhexadecanoic acid No. of C: anteiso-C17:0	25 mg
LA 11-1614-9	14-Methylhexadecanoic acid	100 mg
LA 11-1614-11	14-Methylhexadecanoic acid	250 mg
LA 11-1715-7	15-Methylheptadecanoic acid No. of C: anteiso-C18:0	25 mg
LA 11-1715-9	15-Methylheptadecanoic acid	100 mg
LA 11-1715-11	15-Methylheptadecanoic acid	250 mg
LA 11-1816-7	16-Methyloctadecanoic acid No. of C: anteiso-C19:0	25 mg
LA 11-1816-9	16-Methyloctadecanoic acid	100 mg
LA 11-1816-11	16-Methyloctadecanoic acid	250 mg

## Anteiso-acids CH<sub>3</sub>CH<sub>2</sub>CH-(CH<sub>3</sub>)-(CH<sub>2</sub>)<sub>n</sub>-COOH methyl ester

Documentation: GC	
Purity: 98+%	
LA 21-1109-7	Methyl 9-methylundecanoate
LA 21-1109-9	Methyl 9-methylundecanoate
LA 21-1109-11	Methyl 9-methylundecanoate
LA 21-1210-7	Methyl 10-methyldodecanoate
LA 21-1210-9	Methyl 10-methyldodecanoate
LA 21-1210-11	Methyl 10-methyldodecanoate
LA 21-1311-7	Methyl 11-methyltridecanoate
LA 21-1311-9	Methyl 11-methyltridecanoate
LA 21-1311-11	Methyl 11-methyltridecanoate
LA 21-1412-7	Methyl 12-methyltetradecanoate
LA 21-1412-9	Methyl 12-methyltetradecanoate
LA 21-1412-11	Methyl 12-methyltetradecanoate
LA 21-1513-7	Methyl 13-methylpentadecanoate
LA 21-1513-9	Methyl 13-methylpentadecanoate
LA 21-1513-11	Methyl 13-methylpentadecanoate
LA 21-1614-7	Methyl 14-methylhexadecanoate
LA 21-1614-9	Methyl 14-methylhexadecanoate
LA 21-1614-11	Methyl 14-methylhexadecanoate
LA 21-1715-7	Methyl 15-methylheptadecanoate
LA 21-1715-9	Methyl 15-methylheptadecanoate
LA 21-1715-11	Methyl 15-methylheptadecanoate
LA 21-1816-7	Methyl 16-methyloctadecanoate
LA 21-1816-9	Methyl 16-methyloctadecanoate
LA 21-1816-11	Methyl 16-methyloctadecanoate

Code	Product	Unit
<b>10-Methyl fatty acids &amp; methyl esters - Microbiological standards</b>		
LA 11-1610-7	10-Methylhexadecanoate	25 mg
LA 21-1610-7	Methyl 10-methylhexadecanoate	25 mg

## Hydroxy fatty acids/Methyl esters

Hydroxy fatty acids are formed by metabolism of fatty acid and fatty acid oxidation. 2-Hydroxy fatty acids are important structural components in biologic substances, e.g. in glycosphingolipids. 3- Hydroxy fatty acids are biochemically generated by microorganisms. We supply a complete range of synthetically derived 2- and 3-Hydroxy fatty acids and a number of rare hydroxy acids of microbiological interest.

### 2-Hydroxy fatty acids

Code	Product	Unit
LA 14-0802-8	2-Hydroxyoctanoic acid No. of C: 8:0	50 mg
LA 14-0802-11	2-Hydroxyoctanoic acid	250 mg
LA 14-0802-13	2-Hydroxyoctanoic acid	1 g
LA 14-1002-8	2-Hydroxydecanoic acid No. of C: 10:0	50 mg
LA 14-1002-11	2-Hydroxydecanoic acid	250 mg
LA 14-1002-13	2-Hydroxydecanoic acid	1 g
LA 14-1202-8	2-Hydroxydodecanoic acid No. of C: 12:0	50 mg
LA 14-1202-11	2-Hydroxydodecanoic acid	250 mg
LA 14-1202-13	2-Hydroxydodecanoic acid	1 g
LA 14-1402-8	2-Hydroxytetradecanoic acid No. of C: 14:0	50 mg
LA 14-1402-11	2-Hydroxytetradecanoic acid	250 mg
LA 14-1402-13	2-Hydroxytetradecanoic acid	1 g
LA 14-1602-8	2-Hydroxyhexadecanoic acid No. of C: 16:0	50 mg
LA 14-1602-11	2-Hydroxyhexadecanoic acid	250 mg
LA 14-1602-13	2-Hydroxyhexadecanoic acid	1 g
LA 14-1802-8	2-Hydroxyoctadecanoic acid No. of C: 18:0	50 mg
LA 14-1802-11	2-Hydroxyoctadecanoic acid	250 mg
LA 14-1802-13	2-Hydroxyoctadecanoic acid	1 g
LA 14-2002-8	2-Hydroxyeicosanoic acid No. of C: 20:0	50 mg
LA 14-2002-11	2-Hydroxyeicosanoic acid	250 mg
LA 14-2002-13	2-Hydroxyeicosanoic acid	1 g
LA 14-2202-8	2-Hydroxydocosanoic acid No. of C: 22:0	50 mg
LA 14-2202-11	2-Hydroxydocosanoic acid	250 mg
LA 14-2202-13	2-Hydroxydocosanoic acid	1 g
LA 14-2302-5	2-Hydroxytricosanoic acid No. of C: 23:0	10 mg
LA 14-2402-4	2-Hydroxytetracosanoic acid No. of C: 24:0	5 mg

### 2-Hydroxy fatty acids methyl esters

LA 24-0802-8	Methyl 2-hydroxyoctanoate	50 mg
LA 24-0802-11	Methyl 2-hydroxyoctanoate	250 mg
LA 24-0802-13	Methyl 2-hydroxyoctanoate	1 g
LA 24-1002-8	Methyl 2-hydroxydecanoate	50 mg

## Hydroxy fatty acids/Methyl esters

Code	Product	Unit
LA 24-1002-11	Methyl 2-hydroxydecanoate	250 mg
LA 24-1002-13	Methyl 2-hydroxydecanoate	1 g
LA 24-1202-8	Methyl 2-hydroxydodecanoate	50 mg
LA 24-1202-11	Methyl 2-hydroxydodecanoate	250 mg
LA 24-1202-13	Methyl 2-hydroxydodecanoate	1 g
LA 24-1402-8	Methyl 2-hydroxytetradecanoate	50 mg
LA 24-1402-11	Methyl 2-hydroxytetradecanoate	250 mg
LA 24-1402-13	Methyl 2-hydroxytetradecanoate	1 g
LA 24-1602-8	Methyl 2-hydroxyhexadecanoate	50 mg
LA 24-1602-11	Methyl 2-hydroxyhexadecanoate	250 mg
LA 24-1602-13	Methyl 2-hydroxyhexadecanoate	1 g
LA 24-1802-8	Methyl 2-hydroyoctadecanoate	50 mg
LA 24-1802-11	Methyl 2-hydroyoctadecanoate	250 mg
LA 24-1802-13	Methyl 2-hydroyoctadecanoate	1 g
LA 24-2002-8	Methyl 2-hydroyeicosanoate	50 mg
LA 24-2002-11	Methyl 2-hydroyeicosanoate	250 mg
LA 24-2002-13	Methyl 2-hydroyeicosanoate	1 g
LA 24-2202-8	Methyl 2-hydroydocosanoate	50 mg
LA 24-2202-11	Methyl 2-hydroydocosanoate	250 mg
LA 24-2202-13	Methyl 2-hydroydocosanoate	1 g
LA 24-2302-5	Methyl 2-hydroytricosanoate	10 mg
LA 24-2402-4	Methyl 2-hydroytetracosanoate	5 mg

## 3-Hydroxy fatty acids

LA 14-0603-7	3-Hydroxyhexanoic acid	25 mg
LA 14-0803-8	3-Hydroyoctanoic acid	50 mg
LA 14-0803-11	3-Hydroyoctanoic acid	250 mg
LA 14-0803-13	3-Hydroyoctanoic acid	1 g
LA 14-0903-8	3-Hydroxynonanoic acid	50 mg
LA 14-0903-11	3-Hydroxynonanoic acid	250 mg
LA 14-1003-8	3-Hydroxydecanoic acid	50 mg
LA 14-1003-11	3-Hydroxydecanoic acid	250 mg
LA 14-1103-8	3-Hydroxyundecanoic acid	50 mg
LA 14-1103-11	3-Hydroxyundecanoic acid	250 mg
LA 14-1203-8	3-Hydroydodecanoic acid	50 mg
LA 14-1203-11	3-Hydroydodecanoic acid	250 mg
LA 14-1403-8	3-Hydroytetradecanoic acid	50 mg
LA 14-1403-11	3-Hydroytetradecanoic acid	250 mg
LA 14-1413-7	(R)-3-Hydroytetradecanoic acid	25 mg
LA 14-1413-9	(R)-3-Hydroytetradecanoic acid	100 mg
LA 14-1423-7	(S)-3-Hydroytetradecanoic acid	25 mg
LA 14-1423-9	(S)-3-Hydroytetradecanoic acid	100 mg
LA 14-1603-8	3-Hydroxyhexadecanoic acid	50 mg
LA 14-1603-11	3-Hydroxyhexadecanoic acid	250 mg
LA 14-1803-8	3-Hydroyoctadecanoic acid	50 mg
LA 14-1803-11	3-Hydroyoctadecanoic acid	250 mg

## 3-Hydroxy fatty acids methyl esters

LA 24-0603-7	Methyl 3-hydroxyhexanoate	25 mg
LA 24-0803-8	Methyl 3-hydroyoctanoate	50 mg
LA 24-0803-11	Methyl 3-hydroyoctanoate	250 mg
LA 24-0803-13	Methyl 3-hydroyoctanoate	1 g

## Hydroxy fatty acids/Methyl esters

Code	Product	Unit
LA 24-0903-8	Methyl 3-hydroxynonanoate	50 mg
LA 24-0903-11	Methyl 3-hydroxynonanoate	250 mg
LA 24-1003-8	Methyl 3-hydroxydecanoate	50 mg
LA 24-1003-11	Methyl 3-hydroxydecanoate	250 mg
LA 24-1103-8	Methyl 3-hydroxyundecanoate	50 mg
LA 24-1103-11	Methyl 3-hydroxyundecanoate	250 mg
LA 24-1203-8	Methyl 3-hydroxydodecanoate	50 mg
LA 24-1203-11	Methyl 3-hydroxydodecanoate	250 mg
LA 24-1403-8	Methyl 3-hydroxytetradecanoate	50 mg
LA 24-1403-11	Methyl 3-hydroxytetradecanoate	250 mg
LA 24-1413-7	Methyl-(R)-3-hydroxytetradecanoate	25 mg
LA 24-1413-9	Methyl-(R)-3-hydroxytetradecanoate	100 mg
LA 24-1423-7	Methyl-(S)-3-hydroxytetradecanoate	25 mg
LA 24-1423-9	Methyl-(S)-3-hydroxytetradecanoate	100 mg
LA 24-1603-8	Methyl 3-hydroxyhexadecanoate	50 mg
LA 24-1603-11	Methyl 3-hydroxyhexadecanoate	250 mg
LA 24-1703-7	Methyl 3-hydroxyheptadecanoate	25 mg
LA 24-1803-8	Methyl 3-hydroyoctadecanoate	50 mg
LA 24-1803-11	Methyl 3-hydroyoctadecanoate	250 mg

### **Omega - Hydroxy fatty acids**

LA 14-1515-7	15-Hydroxypentadecanoic acid	25 mg
LA 14-1717-7	17-Hydroxyheptadecanoic acid	25 mg
LA 14-2020-7	20-Hydroxyeicosanoic acid	25 mg
LA 14-2121-7	21-Hydroxyheneicosanoic acid	25 mg
LA 14-2222-7	22-Hydroxydocosanoic acid	25 mg

### **Omega - Hydroxy fatty acids methyl esters**

LA 24-1515-7	Methyl 15-hydroxypentadecanoate	25 mg
LA 24-1717-7	Methyl 17-hydroxyheptadecanoate	25 mg
LA 24-2020-7	Methyl 20-hydroxyeicosanate	25 mg
LA 24-2121-7	Methyl 21-hydroxyheneicosanoate	25 mg
LA 24-2222-7	Methyl 22-hydroxydocosanoate	25 mg
LA 24-2727-7	Methyl 27-hydroxyheptacosanoate	25 mg

### **Other microbiological hydroxy fatty acids methyl esters**

LA 24-3030-7	Methyl 30-hydroxytriacontanoate	25 mg
LA 14-1614-5	6-Hydroxypalmitic acid	10 mg
LA 14-1820-9	12-Hydroxystearic acid	100 mg
LA 14-1820-13	12-Hydroxystearic acid	1 g
LA 14-1820-17	12-Hydroxystearic acid	10 g

## Glycerides - Mono-/Tri-/Tri- synthetic

### Glycerides - Mono-/Tri-/Tri- synthetic

Triglycerides are the main components in lipids of various origins, e.g. oils and fats from plants and animals, in biological tissues and membranes. Besides their physiological role in human and animal metabolism and nutrition, glycerides are widely used in various technical applications. The fatty acids used for synthesis of the various glycerides are of 99+% purity.

#### Monoglycerides (racemic) saturated

Documentation: GC / TLC

Code	Product	Unit
LA 31-0600-9	Monocaproin (Monohexanooin) No. of C: 6:0 (Fatty acid)	100 mg
LA 31-0600-12	Monocaproin (Monohexanooin)	500 mg
LA 31-0600-13	Monocaproin (Monohexanooin)	1 g
LA 31-0800-9	Monocaprylin (Monooctanoin) No. of C: 8:0 (Fatty acid)	100 mg
LA 31-0800-12	Monocaprylin (Monoctanoin)	500 mg
LA 31-0800-13	Monocaprylin (Monoctanoin)	1 g
LA 31-0801-8	1-Monocaprylin No. of C: 8:0 (Fatty acid)	50 mg
LA 31-0801-11	1-Monocaprylin	250 mg
LA 31-0900-9	Monopalargonin (Monononanooin) No. of C: 9:0 (Fatty acid)	100 mg
LA 31-0900-12	Monopalargonin (Monononanooin)	500 mg
LA 31-0900-13	Monopalargonin (Monononanooin)	1 g
LA 31-1000-9	Monocaprin (Monodecanooin) No. of C: 10:0 (Fatty acid)	100 mg
LA 31-1000-12	Monocaprin (Monodecanooin)	500 mg
LA 31-1000-13	Monocaprin (Monodecanooin)	1 g
LA 31-1001-8	1-Monocaprin No. of C: 10:0 (Fatty acid)	50 mg
LA 31-1001-11	1-Monocaprin	250 mg
LA 31-1100-9	Monoundecanooin No. of C: 11:0 (Fatty acid)	100 mg
LA 31-1100-12	Monoundecanooin	500 mg
LA 31-1100-13	Monoundecanooin	1 g
LA 31-1200-9	Monolaurin (Monododecanooin) No. of C: 12:0 (Fatty acid)	100 mg
LA 31-1200-12	Monolaurin (Monododecanooin)	500 mg
LA 31-1200-13	Monolaurin (Monododecanooin)	1 g
LA 31-1201-8	1-Monolaurin No. of C: 12:0 (Fatty acid)	50 mg
LA 31-1201-11	1-Monolaurin	250 mg
LA 31-1300-9	Monotridecanooin No. of C: 13:0 (Fatty acid)	100 mg
LA 31-1300-12	Monotridecanooin	500 mg
LA 31-1300-13	Monotridecanooin	1 g
LA 31-1400-9	Monomyristin (Monotetradecanooin) No. of C: 14:0 (Fatty acid)	100 mg
LA 31-1400-12	Monomyristin (Monotetradecanooin)	500 mg
LA 31-1400-13	Monomyristin (Monotetradecanooin)	1 g
LA 31-1401-8	1-Monomyristin No. of C: 14:0 (Fatty acid)	50 mg
LA 31-1401-11	1-Monomyristin	250 mg
LA 31-1500-9	Monopentadecanooin No. of C: 15:0 (Fatty acid)	100 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 31-1500-12	Monopentadecanoin	500 mg
LA 31-1500-13	Monopentadecanoin	1 g
LA 31-1600-9	Monopalmitin (Monohexadecanoin) No. of C: 16:0 (Fatty acid)	100 mg
LA 31-1600-12	Monopalmitin (Monohexadecanoin)	500 mg
LA 31-1600-13	Monopalmitin (Monohexadecanoin)	1 g
LA 31-1601-8	1-Monopalmitin No. of C: 16:0 (Fatty acid)	50 mg
LA 31-1601-11	1-Monopalmitin	250 mg
LA 31-1700-9	Monoheptadecanoin No. of C: 17:0 (Fatty acid)	100 mg
LA 31-1700-12	Monoheptadecanoin	500 mg
LA 31-1700-13	Monoheptadecanoin	1 g
LA 31-1800-9	Monostearin (Monooctadecanoin) No. of C: 18:0 (Fatty acid)	100 mg
LA 31-1800-12	Monostearin (Monooctadecanoin)	500 mg
LA 31-1800-13	Monostearin (Monooctadecanoin)	1 g
LA 31-1801-8	1-Monostearin No. of C: 18:0 (Fatty acid)	50 mg
LA 31-1801-11	1-Monostearin	250 mg
LA 31-1830-9	Monolinolenin (9c,12c,15c) No. of C: 18:3 (Fatty acid)	100 mg
LA 31-1900-8	Monononadecanoin	50 mg
LA 31-1900-11	Monononadecanoin	250 mg
LA 31-2000-9	Monoarachidin (Monoeicosanoin) No. of C: 20:0 (Fatty acid)	100 mg
LA 31-2000-12	Monoarachidin (Monoeicosanoin)	500 mg
LA 31-2000-13	Monoarachidin (Monoeicosanoin)	1 g
LA 31-2100-8	Monoheneicosanoin No. of C: 21:0 (Fatty acid)	50 mg
LA 31-2100-11	Monoheneicosanoin	250 mg
LA 31-2200-9	Monobehenin (Monodocosanoin) No. of C: 22:0 (Fatty acid)	100 mg
LA 31-2200-12	Monobehenin (Monodocosanoin)	500 mg
LA 31-2200-13	Monobehenin (Monodocosanoin)	1 g

### Monoglycerides (racemic) unsaturated

Documentation: GC / TLC		
LA 31-1610-7	Monopalmitolein (9c) No. of C: 16:1 (Fatty acid)	25 mg
LA 31-1610-9	Monopalmitolein (9c)	100 mg
LA 31-1610-12	Monopalmitolein (9c)	500 mg
LA 31-1810-9	Monoolein No. of C: 18:1 (Fatty acid)	100 mg
LA 31-1810-12	Monoolein	500 mg
LA 31-1811-7	1-Monoolein No. of C: 18:1 (Fatty acid)	25 mg
LA 31-1811-9	1-Monoolein	100 mg
LA 31-1811-12	1-Monoolein	500 mg
LA 31-1850-7	Monoelaidin (9tr) No. of C: 18:1 (Fatty acid)	25 mg
LA 31-1850-9	Monoelaidin (9tr)	100 mg
LA 31-1850-12	Monoelaidin (9tr)	500 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 31-1820-7	Monolinolein (9c,12c) No. of C: 18:2 (Fatty acid)	25 mg
LA 31-1820-9	Monolinolein (9c,12c)	100 mg
LA 31-1820-12	Monolinolein (9c,12c)	500 mg
LA 31-1860-7	Monolinoelaidin (9tr,12tr) No. of C: 18:2 (Fatty acid)	25 mg
LA 31-1860-29	Monolinoelaidin (9tr,12tr)	3 x 25 mg
LA 31-1830-7	Monolinolenin (9c,12c,15c) No. of C: 18:3 (Fatty acid)	25 mg
LA 31-1835-7	Monogammalinolenin (6c, 9c, 12c) No. of C: 18:3 (Fatty acid)	25 mg
LA 31-1835-11	Monogammalinolenin (6c, 9c, 12c)	250 mg
LA 31-1835-29	Monogammalinolenin (6c, 9c, 12c)	3 x 25 mg
LA 31-2040-7	Monoarachidonin (5c,8c,11c,14c) No. of C: 20:4 (Fatty acid)	25 mg
LA 31-2040-29	Monoarachidonin (5c,8c,11c,14c)	3 x 25 mg
LA 31-2210-7	Monoerucin (13c) No. of C: 22:1 (Fatty acid)	25 mg
LA 31-2210-9	Monoerucin (13c)	100 mg
LA 31-2210-12	Monoerucin (13c)	500 mg
LA 31-2260-7	Monodocosahexaenoin (4,7,10,13,16,19-all cis) No. of C: 22:6 (Fatty acid)	25 mg
LA 31-2410-7	Mononervonin (15c) No. of C: 24:1 (Fatty acid)	25 mg
LA 31-2410-29	Mononervonin (15c)	3 x 25 mg

## Diglycerides (racemic) saturated - Single fatty acid composition

Documentation: TLC		
LA 32-0800-9	Dicaprylin (Dioctanoin) No. of C: 8:0 (Fatty acid)	100 mg
LA 32-0800-12	Dicaprylin (Dioctanoin)	500 mg
LA 32-0800-13	Dicaprylin (Dioctanoin)	1 g
LA 32-0803-8	1,3-Dicaprylin No. of C: 8:0 (Fatty acid)	50 mg
LA 32-0803-11	1,3-Dicaprylin	250 mg
LA 32-1000-9	Dicaprin (Didecanoin) No. of C: 10:0 (Fatty acid)	100 mg
LA 32-1000-12	Dicaprin (Didecanoin)	500 mg
LA 32-1000-13	Dicaprin (Didecanoin)	1 g
LA 32-1003-8	1,3-Dicaprin No. of C: 10:0 (Fatty acid)	50 mg
LA 32-1200-9	Dilaurin (Didodecanoin) No. of C: 12:0 (Fatty acid)	100 mg
LA 32-1200-12	Dilaurin (Didodecanoin)	500 mg
LA 32-1200-13	Dilaurin (Didodecanoin)	1 g
LA 32-1203-8	1,3-Dilaurin No. of C: 10:0 (Fatty acid)	50 mg
LA 32-1203-11	1,3-Dilaurin	250 mg
LA 32-1203-13	1,3-Dilaurin	1 g
LA 32-1300-9	Ditridecanoin No. of C: 13:0 (Fatty acid)	100 mg
LA 32-1300-12	Ditridecanoin	500 mg
LA 32-1303-8	1,3-Ditridecanoin No. of C: 13:0 (Fatty acid)	50 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 32-1400-9	Dimyristin (Ditetradecanoin) No. of C: 14:0 (Fatty acid)	100 mg
LA 32-1400-12	Dimyristin (Ditetradecanoin)	500 mg
LA 32-1400-13	Dimyristin (Ditetradecanoin)	1 g
LA 32-1402-8	1,2-Dimyristin No. of C: 14:0 (Fatty acid)	50 mg
LA 32-1402-11	1,2-Dimyristin	250 mg
LA 32-1402-13	1,2-Dimyristin	1 g
LA 32-1403-8	1,3-Dimyristin No. of C: 14:0 (Fatty acid)	50 mg
LA 32-1403-11	1,3-Dimyristin	250 mg
LA 32-1403-13	1,3-Dimyristin	1 g
LA 32-1500-9	Dipentadecanoin No. of C: 15:0 (Fatty acid)	100 mg
LA 32-1500-12	Dipentadecanoin	500 mg
LA 32-1503-8	1,3-Dipentadecanoin No. of C: 15:0 (Fatty acid)	50 mg
LA 32-1600-9	Dipalmitin (Dihexadecanoin) No. of C: 16:0 (Fatty acid)	100 mg
LA 32-1600-12	Dipalmitin (Dihexadecanoin)	500 mg
LA 32-1600-13	Dipalmitin (Dihexadecanoin)	1 g
LA 32-1602-8	1,2-Dipalmitin No. of C: 16:0 (Fatty acid)	50 mg
LA 32-1602-11	1,2-Dipalmitin	250 mg
LA 32-1602-13	1,2-Dipalmitin	1 g
LA 32-1603-8	1,3-Dipalmitin No. of C: 16:0 (Fatty acid)	50 mg
LA 32-1603-11	1,3-Dipalmitin	250 mg
LA 32-1603-13	1,3-Dipalmitin	1 g
LA 32-1700-9	Diheptadecanoin No. of C: 17:0 (Fatty acid)	100 mg
LA 32-1700-12	Diheptadecanoin	500 mg
LA 32-1703-8	1,3-Diheptadecanoin No. of C: 17:0 (Fatty acid)	50 mg
LA 32-1800-9	Distearin (Dioctadecanoin) No. of C: 18:0 (Fatty acid)	100 mg
LA 32-1800-12	Distearin (Dioctadecanoin)	500 mg
LA 32-1800-13	Distearin (Dioctadecanoin)	1 g
LA 32-1803-8	1,3-Distearin No. of C: 18:0 (Fatty acid)	50 mg
LA 32-1803-11	1,3-Distearin	250 mg
LA 32-1803-13	1,3-Distearin	1 g
LA 32-1900-9	Dinonadecanoin No. of C: 19:0 (Fatty acid)	100 mg
LA 32-1900-12	Dinonadecanoin	500 mg
LA 32-1903-8	1,3-Dinonadecanoin No. of C: 19:0 (Fatty acid)	50 mg
LA 32-2000-9	Diarachidin (Dieicosanoin) No. of C: 20:0 (Fatty acid)	100 mg
LA 32-2000-12	Diarachidin (Dieicosanoin)	500 mg
LA 32-2003-8	1,3-Diarachidin No. of C: 20:0 (Fatty acid)	50 mg
LA 32-2200-9	Dibehenin (Didocosanoin) No. of C: 22:0 (Fatty acid)	100 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 32-2200-12	Dibehenin (Didocosanoic)	500 mg
LA 32-2203-8	1,3-Dibehenin No. of C: 22:0 (Fatty acid)	50 mg

## Diglycerides (racemic) unsaturated - Single fatty acid composition

Documentation: TLC		
LA 32-1610-7	Dipalmitolein (9c) No. of C: 16:1 (Fatty acid)	25 mg
LA 32-1610-9	Dipalmitolein (9c)	100 mg
LA 32-1613-7	1,3-Dipalmitolein No. of C: 16:1 (Fatty acid)	25 mg
LA 32-1650-7	Dipalmelaidin (9tr) No. of C: 16:1 (Fatty acid)	25 mg
LA 32-1653-7	1,3-Dipalmelaidin No. of C: 16:1 (Fatty acid)	25 mg
LA 32-1810-9	Diolein (9c) No. of C: 18:1 (Fatty acid)	100 mg
LA 32-1810-12	Diolein (9c)	500 mg
LA 32-1810-13	Diolein (9c)	1 g
LA 32-1813-7	1,3-Diolein No. of C: 18:1 (Fatty acid)	25 mg
LA 32-1813-11	1,3-Diolein	250 mg
LA 32-1813-12	1,3-Diolein	500 mg
LA 32-1850-7	Dielaidin (9tr) No. of C: 18:1 (Fatty acid)	25 mg
LA 32-1853-7	1,3-Dielaidin No. of C: 18:1 (Fatty acid)	25 mg
LA 32-1820-9	Dilinolein (9c,12c)	100 mg
LA 32-1820-12	Dilinolein (9c,12c)	500 mg
LA 32-1823-7	1,3-Dilinolein No. of C: 18:2 (Fatty acid)	25 mg
LA 32-1823-9	1,3-Dilinolein	100 mg
LA 32-1823-11	1,3-Dilinolein	250 mg
LA 32-1860-7	Dilinoelaidin (9tr,12tr) No. of C: 18:2 (Fatty acid)	25 mg
LA 32-1860-29	Dilinoelaidin (9tr,12tr)	3 x 25 mg
LA 32-1863-7	1,3-Dilinoelaidin No. of C: 18:2 (Fatty acid)	25 mg
LA 32-1863-29	1,3-Dilinoelaidin	3 x 25 mg
LA 32-1830-7	Dilinolenin (9c,12c,15c) No. of C: 18:3 (Fatty acid)	25 mg
LA 32-1830-9	Dilinolenin (9c,12c,15c)	100 mg
LA 32-1830-11	Dilinolenin (9c,12c,15c)	250 mg
LA 32-1833-7	1,3-Dilinolenin No. of C: 18:3 (Fatty acid)	25 mg
LA 32-1835-7	Digamma linolenin (6c, 9c, 12c) No. of C: 18:3 (Fatty acid)	25 mg
LA 32-1835-11	Digamma linolenin (6c, 9c, 12c)	250 mg
LA 32-1835-29	Digamma linolenin (6c, 9c, 12c)	3 x 25 mg
LA 32-1837-7	1,3-Digamma linolenin No. of C: 18:3 (Fatty acid)	25 mg
LA 32-1837-29	1,3-Digamma linolenin	3 x 25 mg
LA 32-2040-7	Diarachidonin (5c, 8c, 11c, 14c) No. of C: 20:4 (Fatty acid)	25 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 32-2040-29	Diarachidonin (5c, 8c, 11c, 14c)	3 x 25 mg
LA 32-2043-7	1,3-Diarachidonin No. of C: 20:4 (Fatty acid)	25 mg
LA 32-2043-29	1,3-Diarachidonin	3 x 25 mg
LA 32-2260-7	Didocosahexaenoin (4,7,10,13,16,19-all cis) No. of C: 22:6 (Fatty acid)	25 mg

### 1,2-Diglycerides (racemic) - Mixed fatty acid composition

Documentation: TLC		
LA 32-1020-7	1-Decanoin-2-Acetin (DAG) No. of C: 1-10:0-2-2:0	25 mg
LA 32-1020-9	1-Decanoin-2-Acetin (DAG)	100 mg
LA 32-1216-7	1-Laurin-2-Palmitin No. of C: 1-12:0-2-16:0	25 mg
LA 32-1216-9	1-Laurin-2-Palmitin	100 mg
LA 32-1890-7	1-Stearin-2-Laurin No. of C: 1-18:0-2-12:0	25 mg
LA 32-1841-5	1-Stearin-2-Arachidonin No. of C: 1-18:9-2:20:4	10 mg
LA 32-1841-7	1-Stearin-2-Arachidonin	25 mg

### 1,3-Diglycerides (racemic) - Mixed fatty acid composition

Documentation: TLC		
LA 32-1450-7	1-Myristin-3-Olein No. of C: 1-14:0-3-18:1	25 mg
LA 32-1450-9	1-Myristin-3-Olein	100 mg
LA 32-1455-7	1-Myristin-3-Elaadin No. of C: 1-14:0-3-18:1tr	25 mg
LA 32-1422-7	1-Myristin-3-Behenin No. of C: 1-14:0-3-22:0	25 mg
LA 32-1422-9	1-Myristin-3-Behenin	100 mg
LA 32-1657-7	1-Palmitin-3-Laurin No. of C: 1-16:0-3-12:0	25 mg
LA 32-1657-9	1-Palmitin-3-Laurin	100 mg
LA 32-1657-11	1-Palmitin-3-Laurin	250 mg
LA 32-1452-7	1-Palmitin-3-Myristin No. of C: 1-16:0-3-14:0	25 mg
LA 32-1452-9	1-Palmitin-3-Myristin	100 mg
LA 32-1452-11	1-Palmitin-3-Myristin	250 mg
LA 32-1654-7	1-Palmitin-3-Stearin No. of C: 1-16:0-3-18:0	25 mg
LA 32-1654-9	1-Palmitin-3-Stearin	100 mg
LA 32-1654-11	1-Palmitin-3-Stearin	250 mg
LA 32-1655-7	1-Palmitin-3-Olein No. of C: 1-16:0-3-18:1	25 mg
LA 32-1655-9	1-Palmitin-3-Olein	100 mg
LA 32-1655-11	1-Palmitin-3-Olein	250 mg
LA 32-1656-7	1-Palmitin-3-Linolein No. of C: 1-16:0-3-18:2	25 mg
LA 32-1656-9	1-Palmitin-3-Linolein	100 mg
LA 32-1620-7	1-Palmitin-3-Arachidin No. of C: 1-16:0-3-20:0	25 mg
LA 32-1854-7	1-Stearin-3-Olein No. of C: 1-18:0-3-18:1	25 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 32-1854-9	1-Stearin-3-Olein	100 mg
LA 32-1854-11	1-Stearin-3-Olein	250 mg
LA 32-2050-7	1-Olein-3-Arachidin No. of C: 1-18:1-3-20:0	25 mg
LA 32-2050-9	1-Olein-3-Arachidin	100 mg

## Triglycerides (racemic) saturated - Single fatty acid composition

Documentation: TLC		
LA 33-0600-9	Tricaproin (Trihexanoin) No. of C: 6:0 (Fatty acid)	100 mg
LA 33-0600-12	Tricaproin (Trihexanoin)	500 mg
LA 33-0600-13	Tricaproin (Trihexanoin)	1 g
LA 33-0700-9	Triheptanoin No. of C: 7:0 (Fatty acid)	100 mg
LA 33-0700-12	Triheptanoin	500 mg
LA 33-0700-13	Triheptanoin	1 g
LA 33-0800-9	Tricaprylin (Trioctanooin) No. of C: 8:0 (Fatty acid)	100 mg
LA 33-0800-12	Tricaprylin (Trioctanooin)	500 mg
LA 33-0800-13	Tricaprylin (Trioctanooin)	1 g
LA 33-0900-9	Trinonanooin No. of C: 9:0 (Fatty acid)	100 mg
LA 33-0900-12	Trinonanooin	500 mg
LA 33-0900-13	Trinonanooin	1 g
LA 33-1000-9	Tricaprin (Tridecanoin) No. of C: 10:0 (Fatty acid)	100 mg
LA 33-1000-12	Tricaprin (Tridecanoin)	500 mg
LA 33-1000-13	Tricaprin (Tridecanoin)	1 g
LA 33-1100-9	Triundecanoin No. of C: 11:0 (Fatty acid)	100 mg
LA 33-1100-12	Triundecanoin	500 mg
LA 33-1100-13	Triundecanoin	1 g
LA 33-1200-9	Trilaurin (Tridodecanoin) No. of C: 12:0 (Fatty acid)	100 mg
LA 33-1200-12	Trilaurin (Tridodecanoin)	500 mg
LA 33-1200-13	Trilaurin (Tridodecanoin)	1 g
LA 33-1300-9	Tritridecanoin No. of C: 13:0 (Fatty acid)	100 mg
LA 33-1300-12	Tritridecanoin	500 mg
LA 33-1300-13	Tritridecanoin	1 g
LA 33-1400-9	Trimyristin (Tritetradecanoin) No. of C: 14:0 (Fatty acid)	100 mg
LA 33-1400-12	Trimyristin (Tritetradecanoin)	500 mg
LA 33-1400-13	Trimyristin (Tritetradecanoin)	1 g
LA 33-1500-9	Tripentadecanoin No. of C: 15:0 (Fatty acid)	100 mg
LA 33-1500-12	Tripentadecanoin	500 mg
LA 33-1500-13	Tripentadecanoin	1 g
LA 33-1600-9	Tripalmitin (Trihexadecanoin) No. of C: 16:0 (Fatty acid)	100 mg
LA 33-1600-12	Tripalmitin (Trihexadecanoin)	500 mg
LA 33-1600-13	Tripalmitin (Trihexadecanoin)	1 g

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 33-1700-9	Triheptadecanoin No. of C: 17:0 (Fatty acid)	100 mg
LA 33-1700-12	Triheptadecanoin	500 mg
LA 33-1700-13	Triheptadecanoin	1 g
LA 33-1800-9	Tristearin (Trioctadecanoin) No. of C: 18:0 (Fatty acid)	100 mg
LA 33-1800-12	Tristearin (Trioctadecanoin)	500 mg
LA 33-1800-13	Tristearin (Trioctadecanoin)	1 g
LA 33-1900-9	Trinonadecanoin No. of C: 19:0 (Fatty acid)	100 mg
LA 33-1900-12	Trinonadecanoin	500 mg
LA 33-1900-13	Trinonadecanoin	1 g
LA 33-2000-9	Triarachidin (Trieicosanoic acid) No. of C: 20:0 (Fatty acid)	100 mg
LA 33-2000-12	Triarachidin (Trieicosanoic acid)	500 mg
LA 33-2000-13	Triarachidin (Trieicosanoic acid)	1 g
LA 33-2100-9	Triheneicosanoic acid No. of C: 21:0 (Fatty acid)	100 mg
LA 33-2100-12	Triheneicosanoic acid	500 mg
LA 33-2100-13	Triheneicosanoic acid	1 g
LA 33-2200-9	Tribehenin (Tridocosanoic acid) No. of C: 22:0 (Fatty acid)	100 mg
LA 33-2200-12	Tribehenin (Tridocosanoic acid)	500 mg
LA 33-2200-13	Tribehenin (Tridocosanoic acid)	1 g
LA 33-2300-9	Tritricosanoic acid No. of C: 23:0 (Fatty acid)	100 mg
LA 33-2300-12	Tritricosanoic acid	500 mg
LA 33-2300-13	Tritricosanoic acid	1 g
LA 33-2400-9	Trilignocerin (Tritetracosanoic acid) No. of C: 24:0 (Fatty acid)	100 mg
LA 33-2400-12	Trilignocerin (Tritetracosanoic acid)	500 mg
LA 33-2400-13	Trilignocerin (Tritetracosanoic acid)	1 g

## **Triglycerides (racemic) unsaturated - Single fatty acid composition**

Documentation: TLC		
LA 33-1610-9	Tripalmitolein (9c) No. of C: 16:1 (Fatty acid)	100 mg
LA 33-1610-12	Tripalmitolein (9c)	500 mg
LA 33-1610-13	Tripalmitolein (9c)	1 g
LA 33-1810-9	Triolein (9c) No. of C: 18:1 (Fatty acid)	100 mg
LA 33-1810-12	Triolein (9c)	500 mg
LA 33-1810-13	Triolein (9c)	1 g
LA 33-1850-9	Trielaidin (9tr) No. of C: 18:1 (Fatty acid)	100 mg
LA 33-1850-12	Trielaidin (9tr)	500 mg
LA 33-1850-13	Trielaidin (9tr)	1 g
LA 33-1820-9	Trilinolein (9c,12c) No. of C: 18:2 (Fatty acid)	100 mg
LA 33-1820-12	Trilinolein (9c,12c)	500 mg
LA 33-1820-13	Trilinolein (9c,12c)	1 g
LA 33-1860-9	Trilinoelaidin (9tr,12tr) No. of C: 18:2 (Fatty acid)	100 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 33-1860-12	Trilinoelaidin (9tr,12tr)	500 mg
LA 33-1860-13	Trilinoelaidin (9tr,12tr)	1 g
LA 33-1830-9	Trilinolenin (9c,12c,15c) No. of C: 18:3 (Fatty acid)	100 mg
LA 33-1830-12	Trilinolenin (9c,12c,15c)	500 mg
LA 33-1830-13	Trilinolenin (9c,12c,15c)	1 g
LA 33-1835-9	Trigammalinolenin (6c,9c,12c) No. of C: 18:3 (Fatty acid)	100 mg
LA 33-1835-43	Trigammalinolenin (6c,9c,12c)	3 x 100 mg
LA 33-2010-9	Triecosenoin (11c) No. of C: 20:1 (Fatty acid)	100 mg
LA 33-2010-12	Triecosenoin (11c)	500 mg
LA 33-2040-7	Triarachidonin (5c,8c,11c,14c) No. of C: 20:4 (Fatty acid)	25 mg
LA 33-2040-29	Triarachidonin (5c,8c,11c,14c)	3 x 25 mg
LA 33-2050-7	Triecosapentaenoin (5,8,11,14,17-all cis) No. of C: 20:5 (Fatty acid)	25 mg
LA 33-2050-9	Triecosapentaenoin (5,8,11,14,17-all cis)	100 mg
LA 33-2210-9	Trierucin (13c) No. of C: 22:1 (Fatty acid)	100 mg
LA 33-2210-12	Trierucin (13c)	500 mg
LA 33-2210-13	Trierucin (13c)	1 g
LA 33-2260-7	Tridocosahexaenoin (4,7,10,13,16,19-all cis) No. of C: 22:6 (Fatty acid)	25 mg
LA 33-2410-9	Trinervonin (15c) No. of C: 24:1 (Fatty acid)	100 mg
LA 33-2410-12	Trinervonin (15c)	500 mg

## Triglycerides (racemic) - Mixed fatty acid composition

Documentation: TLC		
LA 34-0800-7	1,2-Caprylin-3-Linolein No. of C: 8:0-8:0-18:2	25 mg
LA 34-0800-9	1,2-Caprylin-3-Linolein	100 mg
LA 34-0818-7	1,3-Caprylin-2-Olein No. of C: 8:0-18:1-8:0	25 mg
LA 34-0818-9	1,3-Caprylin-2-Olein	100 mg
LA 34-1000-7	1,2-Caprin-3-Stearin No. of C: 10:0-10:0-18:0	25 mg
LA 34-1000-9	1,2-Caprin-3-Stearin	100 mg
LA 34-1200-7	1,2-Laurin-3-Myristin No. of C: 12:0-12:0-14:0	25 mg
LA 34-1200-9	1,2-Laurin-3-Myristin	100 mg
LA 34-1200-11	1,2-Laurin-3-Myristin	250 mg
LA 34-1401-7	1,2-Myristin-3-Laurin No. of C: 14:0-14:0-12:0	25 mg
LA 34-1401-9	1,2-Myristin-3-Laurin	100 mg
LA 34-1401-11	1,2-Myristin-3-Laurin	250 mg
LA 34-1400-7	1,2-Myristin-3-Palmitin No. of C: 14:0-14:0-16:0	25 mg
LA 34-1400-9	1,2-Myristin-3-Palmitin	100 mg
LA 34-1400-11	1,2-Myristin-3-Palmitin	250 mg
LA 34-1615-7	1,2-Palmitin-3-Pentadecanoic No. of C: 16:0-16:0-15:0	25 mg
LA 34-1615-9	1,2-Palmitin-3-Pentadecanoic	100 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 34-1615-11	1,2-Palmitin-3-Pentadecanoin	250 mg
LA 34-1600-7	1,2-Palmitin-3-Stearin No. of C: 16:0-16:0-18:0	25 mg
LA 34-1600-9	1,2-Palmitin-3-Stearin	100 mg
LA 34-1600-11	1,2-Palmitin-3-Stearin	250 mg
LA 34-1601-7	1,2-Palmitin-3-Olein No. of C: 16:0-16:0-18:1	25 mg
LA 34-1601-9	1,2-Palmitin-3-Olein	100 mg
LA 34-1601-11	1,2-Palmitin-3-Olein	250 mg
LA 34-1602-7	1,2-Palmitin-3-Elaeidin No. of C: 16:0-16:0-18:1tr	25 mg
LA 34-1602-9	1,2-Palmitin-3-Elaeidin	100 mg
LA 34-1602-11	1,2-Palmitin-3-Elaeidin	250 mg
LA 34-1603-7	1,2-Palmitin-3-Linolein No. of C: 16:0-16:0-18:2	25 mg
LA 34-1603-9	1,2-Palmitin-3-Linolein	100 mg
LA 34-1604-7	1,2-Palmitin-3-Linoelaidin No. of C: 16:0-16:0-18:2tr	25 mg
LA 34-1612-7	1,3-Palmitin-2-Myristin No. of C: 16:0-14:0-16:0	25 mg
LA 34-1612-9	1,3-Palmitin-2-Myristin	100 mg
LA 34-1612-11	1,3-Palmitin-2-Myristin	250 mg
LA 34-1610-7	1,3-Palmitin-2-Stearin No. of C: 16:0-18:0-16:0	25 mg
LA 34-1610-9	1,3-Palmitin-2-Stearin	100 mg
LA 34-1610-11	1,3-Palmitin-2-Stearin	250 mg
LA 34-1611-7	1,3-Palmitin-2-Olein No. of C: 16:0-18:1-16:0	25 mg
LA 34-1611-9	1,3-Palmitin-2-Olein	100 mg
LA 34-1611-11	1,3-Palmitin-2-Olein	250 mg
LA 34-1718-7	1,2-Heptadecanoin-3-Olein No. of C: 17:0-17:0-18:1	25 mg
LA 34-1718-9	1,2-Heptadecanoin-3-Olein	100 mg
LA 34-1728-7	1,3-Heptadecanoin-2-Olein No. of C: 17:0-18:1-17:0	25 mg
LA 34-1805-7	1,2-Stearin-3-Butyrin No. of C: 18:0-18:0-4:0	25 mg
LA 34-1802-7	1,2-Stearin-3-Caprin No. of C: 18:0-18:0-10:0	25 mg
LA 34-1800-7	1,2-Stearin-3-Palmitin No. of C: 18:0-18:0-16:0	25 mg
LA 34-1800-9	1,2-Stearin-3-Palmitin	100 mg
LA 34-1800-11	1,2-Stearin-3-Palmitin	250 mg
LA 34-1801-7	1,2-Stearin-3-Olein No. of C: 18:0-18:0-18:1	25 mg
LA 34-1801-9	1,2-Stearin-3-Olein	100 mg
LA 34-1801-11	1,2-Stearin-3-Olein	250 mg
LA 34-1803-7	1,2-Stearin-3-Elaeidin No. of C: 18:0-18:0-18:1tr	25 mg
LA 34-1803-9	1,2-Stearin-3-Elaeidin	100 mg
LA 34-1803-11	1,2-Stearin-3-Elaeidin	250 mg
LA 34-1815-7	1,3-Stearin-2-Laurin No. of C: 18:0-12:0-18:0	25 mg
LA 34-1815-9	1,3-Stearin-2-Laurin	100 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 34-1815-11	1,3-Stearin-2-Laurin	250 mg
LA 34-1816-7	1,3-Stearin-2-Myristin No. of C: 18:0-14:0-18:0	25 mg
LA 34-1816-9	1,3-Stearin-2-Myristin	100 mg
LA 34-1816-11	1,3-Stearin-2-Myristin	250 mg
LA 34-1810-7	1,3-Stearin-2-Palmitin No. of C: 18:0-16:0-18:0	25 mg
LA 34-1810-9	1,3-Stearin-2-Palmitin	100 mg
LA 34-1811-7	1,3-Stearin-2-Olein No. of C: 18:0-18:1-18:0	25 mg
LA 34-1811-9	1,3-Stearin-2-Olein	100 mg
LA 34-1811-11	1,3-Stearin-2-Olein	250 mg
LA 34-1804-7	1,3-Stearin-2-Elaidin No. of C: 18:0-18:1tr-18:0	25 mg
LA 34-1804-9	1,3-Stearin-2-Elaidin	100 mg
LA 34-1804-11	1,3-Stearin-2-Elaidin	250 mg
LA 34-1812-7	1,3-Stearin-2-Linolein No. of C: 18:0-18:2-18:0	25 mg
LA 34-1812-9	1,3-Stearin-2-Linolein	100 mg
LA 34-1812-11	1,3-Stearin-2-Linolein	250 mg
LA 34-1850-7	1,2-Olein-3-Decanoïn No. of C: 18:1-18:1-10:0	25 mg
LA 34-1850-9	1,2-Olein-3-Decanoïn	100 mg
LA 34-1218-7	1,2-Olein-3-Laurin No. of C: 18:1-18:1-12:0	25 mg
LA 34-1218-9	1,2-Olein-3-Laurin	100 mg
LA 34-1820-7	1,2-Olein-3-Myristin No. of C: 18:1-18:1-14:0	25 mg
LA 34-1820-9	1,2-Olein-3-Myristin	100 mg
LA 34-1821-7	1,2-Olein-3-Palmitin No. of C: 18:1-18:1-16:0	25 mg
LA 34-1821-9	1,2-Olein-3-Palmitin	100 mg
LA 34-1821-11	1,2-Olein-3-Palmitin	250 mg
LA 34-1822-7	1,2-Olein-3-Stearin No. of C: 18:1-18:1-18:0	25 mg
LA 34-1822-9	1,2-Olein-3-Stearin	100 mg
LA 34-1822-11	1,2-Olein-3-Stearin	250 mg
LA 34-1825-7	1,2-Olein-3-Behenin No. of C: 18:1-18:1-22:0	25 mg
LA 34-1825-9	1,2-Olein-3-Behenin	100 mg
LA 34-1825-11	1,2-Olein-3-Behenin	250 mg
LA 34-1018-7	1,3-Olein-2-Caprin No. of C: 18:1-10:0-18:1	25 mg
LA 34-1830-7	1,3-Olein-2-Myristin No. of C: 18:1-14:0-18:1	25 mg
LA 34-1830-9	1,3-Olein-2-Myristin	100 mg
LA 34-1831-7	1,3-Olein-2-Palmitin No. of C: 18:1-16:0-18:1	25 mg
LA 34-1831-9	1,3-Olein-2-Palmitin	100 mg
LA 34-1831-11	1,3-Olein-2-Palmitin	250 mg
LA 34-1832-7	1,3-Olein-2-Stearin No. of C: 18:1-18:0-18:1	25 mg
LA 34-1832-9	1,3-Olein-2-Stearin	100 mg

## Glycerides - Mono-/Tri-/Tri- synthetic

Code	Product	Unit
LA 34-1832-11	1,3-Olein-2-Stearin	250 mg
LA 34-1833-7	1,3-Olein-2-Elaidin No. of C: 18:1-18:1tr-18:1	25 mg
LA 34-1833-9	1,3-Olein-2-Elaidin	100 mg
LA 34-1823-7	1,3-Olein-2-Lignocerin No. of C: 18:1-24:0-18:1	25 mg
LA 34-1840-7	1,2-Elaidin-3-Stearin No. of C: 18:1tr-18:1tr-18:0	25 mg
LA 34-1840-9	1,2-Elaidin-3-Stearin	100 mg
LA 34-1843-7	1,2-Elaidin-3-Linolein No. of C: 18:1tr-18:1tr-18:2	25 mg
LA 34-1852-7	1,3-Elaidin-2-Olein No. of C: 18:1tr-18:1-18:1tr	25 mg
LA 34-1852-9	1,3-Elaidin-2-Olein	100 mg
LA 34-1862-7	1,2-Linolein-3-Palmitin No. of C: 18:2-18:2-16:0	25 mg
LA 34-1862-9	1,2-Linolein-3-Palmitin	100 mg
LA 34-1863-7	1,2-Linolein-3-Stearin No. of C: 18:2-18:2-18:0	25 mg
LA 34-1863-9	1,2-Linolein-3-Stearin	100 mg
LA 34-1866-7	1,2-Linolein-3-Olein No. of C: 18:2-18:2-18:1	25 mg
LA 34-1866-9	1,2-Linolein-3-Olein	100 mg
LA 34-1866-11	1,2-Linolein-3-Olein	250 mg
LA 34-2214-7	1,2-Behenin-3-Myristin No. of C: 22:0-22:0-14:0	25 mg
LA 34-2214-9	1,2-Behenin-3-Myristin	100 mg
LA 34-2214-11	1,2-Behenin-3-Myristin	250 mg
LA 34-2200-7	1,3-Behenin-2-Olein No. of C: 22:0-18:1-22:0	25 mg
LA 34-2200-9	1,3-Behenin-2-Olein	100 mg
LA 34-2200-11	1,3-Behenin-2-Olein	250 mg
LA 34-3006-7	1-Laurin-2-Elaidin-3-Palmitin No. of C: 12:0-18:1tr-16:0	25 mg
LA 34-3006-9	1-Laurin-2-Elaidin-3-Palmitin	100 mg
LA 34-3006-11	1-Laurin-2-Elaidin-3-Palmitin	250 mg
LA 34-3004-7	1-Laurin-2-Olein-3-Palmitin No. of C: 12:0-18:1-16:0	25 mg
LA 34-3004-9	1-Laurin-2-Olein-3-Palmitin	100 mg
LA 34-3004-11	1-Laurin-2-Olein-3-Palmitin	250 mg
LA 34-3019-7	1-Myristin-2-Palmitin-3-Butyrin No. of C: 14:0-16:0-4:0	25 mg
LA 34-3019-9	1-Myristin-2-Palmitin-3-Butyrin	100 mg
LA 34-3015-7	1-Myristin-2-Olein-3-Butyrin No. of C: 14:0-18:1-4:0	25 mg
LA 34-3005-7	1-Myristin-2-Olein-3-Palmitin No. of C: 14:0-18:1-16:0	25 mg
LA 34-3005-9	1-Myristin-2-Olein-3-Palmitin	100 mg
LA 34-3005-11	1-Myristin-2-Olein-3-Palmitin	250 mg
LA 34-3020-7	1-Palmitin-2-Stearin-3-Butyrin No. of C: 16:0-18:0-4:0	25 mg
LA 34-3020-9	1-Palmitin-2-Stearin-3-Butyrin	100 mg
LA 34-3002-7	1-Palmitin-2-Stearin-3-Olein No. of C: 16:0-18:0-18:1	25 mg

## Deuterium labelled lipids

Code	Product	Unit
LA 34-3002-9	1-Palmitin-2-Stearin-3-Olein	100 mg
LA 34-3002-11	1-Palmitin-2-Stearin-3-Olein	250 mg
LA 34-3001-7	1-Palmitin-2-Olein-3-Stearin No. of C: 16:0-18:1-18:0	25 mg
LA 34-3001-9	1-Palmitin-2-Olein-3-Stearin	100 mg
LA 34-3001-11	1-Palmitin-2-Olein-3-Stearin	250 mg
LA 34-3013-7	1-Palmitin-2-Elaeidin-3-Linolein No. of C: 16:0-18:1tr-18:2	25 mg
LA 34-3013-9	1-Palmitin-2-Elaeidin-3-Linolein	100 mg
LA 34-3013-11	1-Palmitin-2-Elaeidin-3-Linolein	250 mg
LA 34-3016-7	1-Arachidin-2-Olein-3-Palmitin No. of C: 20:0-18:1-16:0	25 mg

## Deuterium labelled lipids

### Perdeuterated fatty acids

Perdeuterated fatty acids (D,95% D,98%)

Documentation: GC

Code	Product	Unit
LA 71-1019-9	Decanoic acid-D19	100 mg
LA 71-1019-12	Decanoic acid-D19	500 mg
LA 71-1019-13	Decanoic acid-D19	1 g
LA 87-1019-9	Decanoic acid-D19 Deuterium: 95%	100 mg
LA 87-1019-12	Decanoic acid-D19	500 mg
LA 87-1019-13	Decanoic acid-D19	1 g
LA 71-1223-9	Dodecanoic acid-D23	100 mg
LA 71-1223-12	Dodecanoic acid-D23	500 mg
LA 71-1223-13	Dodecanoic acid-D23	1 g
LA 87-1223-9	Dodecanoic acid-D23 Deuterium: 95%	100 mg
LA 87-1223-12	Dodecanoic acid-D23	500 mg
LA 87-1223-13	Dodecanoic acid-D23	1 g
LA 71-1427-9	Tetradecanoic acid-D27	100 mg
LA 71-1427-12	Tetradecanoic acid-D27	500 mg
LA 71-1427-13	Tetradecanoic acid-D27	1 g
LA 87-1529-9	Pentadecanoic acid-D29 Deuterium: 95%	100 mg
LA 87-1529-12	Pentadecanoic acid-D29	500 mg
LA 87-1529-13	Pentadecanoic acid-D29	1 g
LA 71-1631-9	Hexadecanoic acid-D31	100 mg
LA 71-1631-12	Hexadecanoic acid-D31	500 mg
LA 71-1631-13	Hexadecanoic acid-D31	1 g
LA 87-1631-9	Hexadecanoic acid-D31 Deuterium: 95%	100 mg
LA 87-1631-12	Hexadecanoic acid-D31	500 mg
LA 71-1835-9	Octadecanoic acid-D35	100 mg
LA 71-1835-12	Octadecanoic acid-D35	500 mg
LA 71-1835-13	Octadecanoic acid-D35	1 g
LA 87-1835-9	Octadecanoic acid-D35 Deuterium: 95%	100 mg
LA 87-1835-12	Octadecanoic acid-D35	500 mg

## Deuterium labelled lipids

Code	Product	Unit
LA 87-1835-13	Octadecanoic acid-D35	1 g
LA 71-2039-9	Eicosanoic acid-D39	100 mg
LA 71-2039-12	Eicosanoic acid-D39	500 mg
LA 71-2039-13	Eicosanoic acid-D39	1 g
LA 87-2039-9	Eicosanoic acid-D40 Deuterium: 95%	100 mg
LA 87-2243-9	Docosanoic acid-D43 Deuterium: 95%	100 mg
LA 87-2243-12	Docosanoic acid-D43	500 mg
LA 87-2243-13	Docosanoic acid-D43	1 g

### Alpha-deuterated fatty acids

Documentation: GC	
Purity: 99%	
Deuterium: 98%	
LA 71-0802-9	Octanoic acid -2,2
LA 71-0802-12	Octanoic acid -2,2
LA 71-0802-13	Octanoic acid -2,2
LA 71-1002-9	Decanoic acid-2,2-D2
LA 71-1002-12	Decanoic acid-2,2-D2
LA 71-1002-13	Decanoic acid-2,2-D2
LA 71-1202-9	Dodecanoic acid-2,2-D2
LA 71-1202-12	Dodecanoic acid-2,2-D2
LA 71-1202-13	Dodecanoic acid-2,2-D2
LA 71-1402-9	Tetradecanoic acid-2,2-D2
LA 71-1402-12	Tetradecanoic acid-2,2-D2
LA 71-1402-13	Tetradecanoic acid-2,2-D2
LA 71-1602-9	Hexadecanoic acid-2,2-D2
LA 71-1602-12	Hexadecanoic acid-2,2-D2
LA 71-1602-13	Hexadecanoic acid-2,2-D2
LA 71-1802-9	Octadecanoic acid-2,2-D2
LA 71-1802-12	Octadecanoic acid-2,2-D2
LA 71-1802-13	Octadecanoic acid-2,2-D2
LA 71-2002-9	Eicosanoic acid-2,2-D2
LA 71-2002-12	Eicosanoic acid-2,2-D2
LA 71-2002-13	Eicosanoic acid-2,2-D2
LA 71-2202-9	Docosanoic acid-2,2-D2
LA 71-2202-12	Docosanoic acid-2,2-D2
LA 71-2202-13	Docosanoic acid-2,2-D2

### Omega-deuterated fatty acids

Documentation: GC	
Purity: 99%	
Deuterium: 98%	
LA 71-0803-8	Octanoic acid-8,8,8-D3
LA 71-0803-9	Octanoic acid-8,8,8-D3
LA 71-0803-11	Octanoic acid-8,8,8-D3
LA 71-1003-8	Decanoic acid-10,10,10-D3
LA 71-1003-9	Decanoic acid-10,10,10-D3
LA 71-1003-11	Decanoic acid-10,10,10-D3
LA 71-1203-8	Dodecanoic acid-12,12,12-D3
LA 71-1203-9	Dodecanoic acid-12,12,12-D3
LA 71-1203-11	Dodecanoic acid-12,12,12-D3

## 13C-Labelled lipids

Code	Product	Unit
LA 71-1403-8	Tetradecanoic acid-14,14,14-D3	50 mg
LA 71-1403-9	Tetradecanoic acid-14,14,14-D3	100 mg
LA 71-1403-11	Tetradecanoic acid-14,14,14-D3	250 mg
LA 71-1503-8	Pentadecanoic acid-15,15,15-D3	50 mg
LA 71-1503-9	Pentadecanoic acid-15,15,15-D3	100 mg
LA 71-1503-11	Pentadecanoic acid-15,15,15-D3	250 mg
LA 71-1603-8	Hexadecanoic acid-16,16,16-D3	50 mg
LA 71-1603-9	Hexadecanoic acid-16,16,16-D3	100 mg
LA 71-1603-11	Hexadecanoic acid-16,16,16-D3	250 mg
LA 71-1703-8	Heptadecanoic acid-17,17,17-D3 Purity: 95%	50 mg
LA 71-1703-9	Heptadecanoic acid-17,17,17-D3	100 mg
LA 71-1803-8	Octadecanoic acid-18,18,18-D3	50 mg
LA 71-1803-9	Octadecanoic acid-18,18,18-D3	100 mg
LA 71-1803-11	Octadecanoic acid-18,18,18-D3	250 mg
LA 71-2003-7	Eicosanoic acid-20,20,20-D3	25 mg
LA 71-2003-9	Eicosanoic acid-20,20,20-D3	100 mg

## Deuterated polyunsaturated fatty acids

LA 71-1606-2	Hexadecatrienoic acid 7(Z),10(Z),13(Z)-7,8,10,11,13,14-d6	2 mg
LA 71-1852-1	Linoleic-9,10,12,13-D4 acid	1 mg
LA 71-1852-4	Linoleic-9,10,12,13-D4 acid	5 mg
LA 71-1853-4	Linolenic acid -17,17,18,18,18-d5	5 mg
LA 71-9501-1	Arachidonic-5,6,8,9,11,12,14,15-D8 acid	1 mg
LA 71-9501-4	Arachidonic acid-5,6,8,9,11,12,14,15-D8	5 mg
LA 71-9502-1	Omega-3-Arachidonic-8,9,11,12,14,15,17,18-D8 acid	1 mg
LA 71-9502-35	Omega-3-Arachidonic-8,9,11,12,14,15,17,18-D8 acid	0,5 mg

## Miscellaneous deuterated lipids

LA 71-1604-9	Hexadecanoic acid-7,7,8,8-D4	100 mg
LA 71-1604-12	Hexadecanoic acid-7,7,8,8-D4	500 mg
LA 71-1822-9	Oleic acid-9,10-D2	100 mg

## D-Labelled long chain fatty acids & bile acids for metabolic research

LA 71-2204-7	Docosanoic acid (3,3,5,5-D4)	25 mg
LA 71-2204-8	Docosanoic acid (3,3,5,5-D4)	50 mg
LA 71-2204-9	Docosanoic acid (3,3,5,5-D4)	100 mg
LA 71-2404-7	Tetracosanoic acid (3,3,5,5-D4)	25 mg
LA 71-2404-8	Tetracosanoic acid (3,3,5,5-D4)	50 mg
LA 71-2404-9	Tetracosanoic acid (3,3,5,5-D4)	100 mg
LA 71-2604-7	Hexacosanoic acid (3,3,5,5-D4)	25 mg
LA 71-2604-8	Hexacosanoic acid (3,3,5,5-D4)	50 mg
LA 71-2604-9	Hexacosanoic acid (3,3,5,5-D4)	100 mg
LA 71-6502-7	3,7-Dihydroxycoprostanic acid (27,27,27-D3)	25 mg
LA 71-6503-7	3,7,12-Trihydroxycoprostanic acid (27,27,27-D3)	25 mg

## 13C-Labelled lipids

### 13C-Fatty acids

Documentation: GC

Code	Product	Unit
LA 78-0800-9	Octanoic acid-1-13C	100 mg
LA 78-0800-12	Octanoic acid-1-13c	500 mg

## Fatty alcohols

Code	Product	Unit
LA 78-0800-13	Octanoic acid-1-13C	1 g
LA 78-0800-16	Octanoic acid-1-13C	5 g
LA 78-1200-9	Dodecanoic acid-1-13C (Lauric acid)	100 mg
LA 78-1200-12	Dodecanoic acid-1-13C (Lauric acid)	500 mg
LA 78-1200-13	Dodecanoic acid-1-13C (Lauric acid)	1 g
LA 78-1200-16	Dodecanoic acid-1-13C (Lauric acid)	5 g
LA 78-1400-9	Tetradecanoic acid-1-13C (Myristic acid)	100 mg
LA 78-1400-12	Tetradecanoic acid-1-13C (Myristic acid)	500 mg
LA 78-1400-13	Tetradecanoic acid-1-13C (Myristic acid)	1 g
LA 78-1600-9	Hexadecanoic acid-1-13C (Palmitic acid)	100 mg
LA 78-1600-12	Hexadecanoic acid-1-13C (Palmitic acid)	500 mg
LA 78-1600-13	Hexadecanoic acid-1-13C (Palmitic acid)	1 g
LA 78-1600-16	Hexadecanoic acid-1-13C (Palmitic acid)	5 g
LA 78-1602-9	Hexadecanoic acid-2-13C (Palmitic acid)	100 mg
LA 78-1602-12	Hexadecanoic acid-2-13C (Palmitic acid)	500 mg
LA 78-1800-9	Octadecanoic acid-1-13c (Stearic acid)	100 mg
LA 78-1800-12	Octadecanoic acid-1-13C (Stearic acid)	500 mg
LA 78-1800-13	Octadecanoic acid-1-13C (Stearic acid)	1 g
LA 78-1800-16	Octadecanoic acid-1-13C (Stearic acid)	5 g
LA 78-1810-9	9c-Octadecenoic acid-1-13C (Oleic acid)	100 mg
LA 78-1810-11	9c-Octadecenoic acid-1-13C (Oleic acid)	250 mg
LA 78-1802-5	9c,12c-Octadecadienoic acid-1-13C (Linoleic acid)	10 mg
LA 78-1802-9	9c,12c-Octadecadienoic acid-1-13C (Linoleic acid)	100 mg

## Triglycerides

	Documentation: TLC	
LA 78-0890-9	Trioctanoin-1,1,1-13C3	100 mg
LA 78-0890-12	Trioctanoin-1,1,1-13C3	500 mg
LA 78-0890-13	Trioctanoin-1,1,1-13C3	1 g
LA 78-1690-9	Tripalmitin-1,1,1-13C3	100 mg
LA 78-1690-12	Tripalmitin-1,1,1-13C3	500 mg
LA 78-1891-9	Triolein-1,1,1-13C3	100 mg
LA 78-1891-12	Triolein-1,1,1-13C3	500 mg

## Fatty alcohols

Fatty alcohols, i.e. n-alkyl chained alcohols, are used in the chemical technical industry as softeners and plasticisers. Fatty alcohols occur in surface lipids in animals and plants - as free alcohols or esterified (wax esters).

Documentation: GC

Purity: 99+%

Code	Product	Unit
LA 40-0400-13	Butanol No. of C: 4:0	1 g
LA 40-0400-17	Butanol	10 g
LA 40-0500-9	Pentanol No. of C: 5:0	100 mg
LA 40-0500-13	Pentanol	1 g
LA 40-0600-13	Hexanol No. of C: 6:0	1 g
LA 40-0600-17	Hexanol	10 g
LA 40-0700-9	Heptanol No. of C: 7:0	100 mg

## Fatty alcohols

Code	Product	Unit
LA 40-0700-13	Heptanol	1 g
LA 40-0800-13	Octanol No. of C: 8:0	1 g
LA 40-0800-17	Octanol	10 g
LA 40-0900-9	Nonanol No. of C: 9:0	100 mg
LA 40-0900-13	Nonanol	1 g
LA 40-1000-13	Decanol No. of C: 10:0	1 g
LA 40-1000-17	Decanol	10 g
LA 40-1100-9	Undecanol No. of C: 11:0	100 mg
LA 40-1100-13	Undecanol	1 g
LA 40-1200-13	Dodecanol No. of C: 12:0	1 g
LA 40-1200-17	Dodecanol	10 g
LA 40-1300-9	Tridecanol No. of C: 13:0	100 mg
LA 40-1300-13	Tridecanol	1 g
LA 40-1400-13	Tetradecanol No. of C: 14:0	1 g
LA 40-1400-17	Tetradecanol	10 g
LA 40-1500-9	Pentadecanol No. of C: 15:0	100 mg
LA 40-1500-13	Pentadecanol	1 g
LA 40-1600-13	Hexadecanol No. of C: 16:0	1 g
LA 40-1600-17	Hexadecanol	10 g
LA 40-1700-9	Heptadecanol No. of C: 17:0	100 mg
LA 40-1700-13	Heptadecanol	1 g
LA 40-1800-13	Octadecanol No. of C: 18:0	1 g
LA 40-1800-17	Octadecanol	10 g
LA 40-1900-9	Nonadecanol No. of C: 19:0	100 mg
LA 40-1900-13	Nonadecanol	1 g
LA 40-2000-9	Eicosanol No. of C: 20:0	100 mg
LA 40-2000-13	Eicosanol	1 g
LA 40-2000-17	Eicosanol	10 g
LA 40-2100-9	Heneicosanol No. of C: 21:0	100 mg
LA 40-2100-11	Heneicosanol	250 mg
LA 40-2200-9	Docosanol No. of C: 22:0	100 mg
LA 40-2200-13	Docosanol	1 g
LA 40-2300-9	Tricosanol No. of C: 23:0	100 mg
LA 40-2300-11	Tricosanol	250 mg
LA 40-2400-9	Tetracosanol No. of C: 24:0	100 mg
LA 40-2400-11	Tetracosanol	250 mg

## Cholesterol & Cholesterylestes

Code	Product	Unit
LA 40-2600-9	Hexacosanol No. of C: 26:0	100 mg
LA 40-2600-11	Hexacosanol	250 mg

## Cholesterol & Cholesterylestes

Documentation: TLC

Purity: 99+%

Code	Product	Unit
LA 64-0000-9	Cholesterol	100 mg
LA 64-0000-13	Cholesterol	1 g
LA 64-1000-9	Cholesteryl caprate No. of C: 10:0	100 mg
LA 64-1000-13	Cholesteryl caprate	1 g
LA 64-1200-9	Cholesteryl laurate No. of C: 12:0	100 mg
LA 64-1200-13	Cholesteryl laurate	1 g
LA 64-1400-9	Cholesteryl myristate No. of C: 14:0	100 mg
LA 64-1400-13	Cholesteryl myristate	1 g
LA 64-1600-9	Cholesteryl palmitate No. of C: 16:0	100 mg
LA 64-1600-13	Cholesteryl palmitate	1 g
LA 64-1800-9	Cholesteryl stearate No. of C: 18:0	100 mg
LA 64-1800-13	Cholesteryl stearate	1 g
LA 64-1801-9	Cholesteryl oleate No. of C: 18:1	100 mg
LA 64-1801-13	Cholesteryl oleate	1 g
LA 64-1802-9	Cholesteryl linoleate No. of C: 18:2	100 mg
LA 64-1802-13	Cholesteryl linoleate	1 g

## Wax esters

Wax esters are esters between long chained fatty alcohols and fatty acids. Wax esters have significance in pharmaceutical and cosmetics applications and occur naturally in plants and animals.

### Wax esters of lauric acid (C 12:0)

Documentation: Not included

Purity: 99%

Code	Product	Unit
LA 45-1212-9	Lauryl laurate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-1212-13	Lauryl laurate	1 g
LA 45-1214-9	Myristyl laurate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-1214-13	Myristyl laurate	1 g
LA 45-1216-9	Palmityl laurate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-1216-13	Palmityl laurate	1 g
LA 45-1218-9	Stearyl laurate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-1218-13	Stearyl laurate	1 g

## **Wax esters**

Code	Product	Unit
LA 45-1238-9	Oleyl laurate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-1238-13	Oleyl laurate	1 g
LA 45-1248-9	Linoleyl laurate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-1248-13	Linoleyl laurate	1 g
LA 45-1220-9	Arachidyl laurate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-1220-13	Arachidyl laurate	1 g
LA 45-1222-9	Behenyl laurate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-1222-13	Behenyl laurate	1 g

## **Wax esters of myristic acid (C 14:0)**

Documentation: Not included		
Purity: 99%		
LA 45-1412-9	Lauryl myristate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-1412-13	Lauryl myristate	1 g
LA 45-1414-9	Myristyl myristate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-1414-13	Myristyl myristate	1 g
LA 45-1416-9	Palmityl myristate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-1416-13	Palmityl myristate	1 g
LA 45-1418-9	Stearyl myristate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-1418-13	Stearyl myristate	1 g
LA 45-1438-9	Oleyl myristate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-1438-13	Oleyl myristate	1 g
LA 45-1448-9	Linoleyl myristate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-1448-13	Linoleyl myristate	1 g
LA 45-1420-9	Arachidyl myristate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-1420-13	Arachidyl myristate	1 g
LA 45-1422-9	Behenyl myristate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-1422-13	Behenyl myristate	1 g

## **Wax esters of palmitic acid (C 16:0)**

Documentation: Not included		
Purity: 99%		
LA 45-1612-9	Lauryl palmitate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-1612-13	Lauryl palmitate	1 g
LA 45-1614-9	Myristyl palmitate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-1614-13	Myristyl palmitate	1 g
LA 45-1616-9	Palmityl palmitate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-1616-13	Palmityl palmitate	1 g
LA 45-1618-9	Stearyl palmitate No. of C: C 18:0 (Alcohols)	100 mg

## Wax esters

Code	Product	Unit
LA 45-1618-13	Stearyl palmitate	1 g
LA 45-1638-9	Oleyl palmitate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-1638-13	Oleyl palmitate	1 g
LA 45-1648-9	Linoleyl palmitate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-1648-13	Linoleyl palmitate	1 g
LA 45-1620-9	Arachidyl palmitate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-1620-13	Arachidyl palmitate	1 g
LA 45-1622-9	Behenyl palmitate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-1622-13	Behenyl palmitate	1 g

### **Wax esters of stearic acid (C 18:0)**

Documentation: Not included		
Purity: 99%		
LA 45-1812-9	Lauryl stearate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-1812-13	Lauryl stearate	1 g
LA 45-1814-9	Myristyl stearate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-1814-13	Myristyl stearate	1 g
LA 45-1816-9	Palmityl stearate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-1816-13	Palmityl stearate	1 g
LA 45-1818-9	Stearyl stearate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-1818-13	Stearyl stearate	1 g
LA 45-1838-9	Oleyl stearate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-1838-13	Oleyl stearate	1 g
LA 45-1848-9	Linoleyl stearate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-1848-13	Linoleyl stearate	1 g
LA 45-1820-9	Arachidyl stearate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-1820-13	Arachidyl stearate	1 g
LA 45-1822-9	Behenyl stearate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-1822-13	Behenyl stearate	1 g

### **Wax esters of oleic acid (C 18:0)**

Documentation: Not included		
Purity: 99%		
LA 45-3812-9	Lauryl oleate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-3812-13	Lauryl oleate	1 g
LA 45-3814-9	Myristyl oleate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-3814-13	Myristyl oleate	1 g
LA 45-3816-9	Palmityl oleate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-3816-13	Palmityl oleate	1 g

## **Wax esters**

Code	Product	Unit
LA 45-3818-9	Stearyl oleate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-3818-13	Stearyl oleate	1 g
LA 45-3838-9	Oleyl oleate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-3838-13	Oleyl oleate	1 g
LA 45-3848-9	Linoleyl oleate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-3848-13	Linoleyl oleate	1 g
LA 45-3820-9	Arachidyl oleate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-3820-13	Arachidyl oleate	1 g
LA 45-3822-9	Behenyl oleate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-3822-13	Behenyl oleate	1 g

## **Wax esters of linoleic acid (C 18:2)**

Documentation: Not included		
Purity: 99%		
LA 45-4812-9	Lauryl linoleate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-4812-13	Lauryl linoleate	1 g
LA 45-4814-9	Myristyl linoleate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-4814-13	Myristyl linoleate	1 g
LA 45-4816-9	Palmityl linoleate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-4816-13	Palmityl linoleate	1 g
LA 45-4818-9	Stearyl linoleate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-4818-13	Stearyl linoleate	1 g
LA 45-4838-9	Oleyl linoleate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-4838-13	Oleyl linoleate	1 g
LA 45-4848-9	Linoleyl linoleate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-4848-13	Linoleyl linoleate	1 g
LA 45-4820-9	Arachidyl linoleate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-4820-13	Arachidyl linoleate	1 g
LA 45-4822-9	Behenyl linoleate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-4822-13	Behenyl linoleate	1 g

## **Wax esters of arachidic acid (C 20:0)**

Documentation: Not included		
Purity: 99%		
LA 45-2012-9	Lauryl arachidate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-2012-13	Lauryl arachidate	1 g
LA 45-2014-9	Myristyl arachidate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-2014-13	Myristyl arachidate	1 g
LA 45-2016-9	Palmityl arachidate No. of C: C 16:0 (Alcohols)	100 mg

## Wax esters

Code	Product	Unit
LA 45-2016-13	Palmityl arachidate	1 g
LA 45-2018-9	Stearyl arachidate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-2018-13	Stearyl arachidate	1 g
LA 45-2038-9	Oleyl arachidate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-2038-13	Oleyl arachidate	1 g
LA 45-2048-9	Linoleyl arachidate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-2048-13	Linoleyl arachidate	1 g
LA 45-2020-9	Arachidyl arachidate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-2020-13	Arachidyl arachidate	1 g
LA 45-2022-9	Behenyl arachidate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-2022-13	Behenyl arachidate	1 g

## **Wax esters of behenic acid (C 22:0)**

	Documentation: Not included	
	Purity: 99%	
LA 45-2212-9	Lauryl behenate No. of C: C 12:0 (Alcohols)	100 mg
LA 45-2212-13	Lauryl behenate	1 g
LA 45-2214-9	Myristyl behenate No. of C: C 14:0 (Alcohols)	100 mg
LA 45-2214-13	Myristyl behenate	1 g
LA 45-2216-9	Palmityl behenate No. of C: C 16:0 (Alcohols)	100 mg
LA 45-2216-13	Palmityl behenate	1 g
LA 45-2218-9	Stearyl behenate No. of C: C 18:0 (Alcohols)	100 mg
LA 45-2218-13	Stearyl behenate	1 g
LA 45-2238-9	Oleyl behenate No. of C: C 18:1 (Alcohols)	100 mg
LA 45-2238-13	Oleyl behenate	1 g
LA 45-2248-9	Linoleyl behenate No. of C: C 18:2 (Alcohols)	100 mg
LA 45-2248-13	Linoleyl behenate	1 g
LA 45-2220-9	Arachidyl behenate No. of C: C 20:0 (Alcohols)	100 mg
LA 45-2220-13	Arachidyl behenate	1 g
LA 45-2222-9	Behenyl behenate No. of C: C 22:0 (Alcohols)	100 mg
LA 45-2222-13	Behenyl behenate	1 g

## **Dicarboxylic acids**

	Documentation: GC / TLC	
	Purity: 98%	
LA 15-0200-9	Oxalic acid	100 mg
LA 15-0200-13	Oxalic acid	1 g
LA 15-0200-17	Oxalic acid	10 g
LA 15-0300-9	Malonic acid	100 mg
LA 15-0300-13	Malonic acid	1 g
LA 15-0300-17	Malonic acid	10 g

## **Wax esters**

Code	Product	Unit
LA 15-0400-9	Succinic acid	100 mg
LA 15-0400-13	Succinic acid	1 g
LA 15-0400-17	Succinic acid	10 g
LA 15-0500-9	Glutaric acid	100 mg
LA 15-0500-13	Glutaric acid	1 g
LA 15-0500-17	Glutaric acid	10 g
LA 15-0600-9	Adipic acid	100 mg
LA 15-0600-13	Adipic acid	1 g
LA 15-0600-17	Adipic acid	10 g
LA 15-0700-9	Pimelic acid	100 mg
LA 15-0700-13	Pimelic acid	1 g
LA 15-0700-17	Pimelic acid	10 g
LA 15-0800-9	Suberic acid	100 mg
LA 15-0800-13	Suberic acid	1 g
LA 15-0800-17	Suberic acid	10 g
LA 15-0900-9	Azelaic acid	100 mg
LA 15-0900-13	Azelaic acid	1 g
LA 15-0900-17	Azelaic acid	10 g
LA 15-1000-9	Sebacic acid	100 mg
LA 15-1000-13	Sebacic acid	1 g
LA 15-1000-17	Sebacic acid	10 g
LA 15-1100-9	Undecanedioic acid	100 mg
LA 15-1100-13	Undecanedioic acid	1 g
LA 15-1200-9	Dodecanedioic acid	100 mg
LA 15-1200-13	Dodecanedioic acid	1 g
LA 15-1200-17	Dodecanedioic acid	10 g
LA 15-1300-9	Brassylic acid	100 mg
LA 15-1300-13	Brassylic acid	1 g
LA 15-1400-9	Tetradecanedioic acid	100 mg
LA 15-1400-13	Tetradecanedioic acid	1 g
LA 15-1500-9	Pentadecanedioic acid	100 mg
LA 15-1500-13	Pentadecanedioic acid	1 g
LA 15-1600-9	Hexadecanedioic acid	100 mg
LA 15-1600-13	Hexadecanedioic acid	1 g
LA 15-2600-9	Hexacosanedioic acid	100 mg

## **Dicarboxylic acids dimethyl esters**

Documentation: GC / TLC	
Purity: 98%	
LA 25-0200-9	Dimethyl oxalate
LA 25-0200-13	Dimethyl oxalate
LA 25-0200-17	Dimethyl oxalate
LA 25-0300-9	Dimethyl malonate
LA 25-0300-13	Dimethyl malonate
LA 25-0300-17	Dimethyl malonate
LA 25-0400-9	Dimethyl succinate
LA 25-0400-13	Dimethyl succinate
LA 25-0400-17	Dimethyl succinate
LA 25-0500-9	Dimethyl glutarate
LA 25-0500-13	Dimethyl glutarate
LA 25-0500-17	Dimethyl glutarate
LA 25-0600-9	Dimethyl adipate

## Phospholipids

Code	Product	Unit
LA 25-0600-13	Dimethyl adipate	1 g
LA 25-0600-17	Dimethyl adipate	10 g
LA 25-0700-9	Dimethyl pimelate	100 mg
LA 25-0700-13	Dimethyl pimelate	1 g
LA 25-0700-17	Dimethyl pimelate	10 g
LA 25-0800-9	Dimethyl suberate	100 mg
LA 25-0800-13	Dimethyl suberate	1 g
LA 25-0800-17	Dimethyl suberate	10 g
LA 25-0900-9	Dimethyl azelate	100 mg
LA 25-0900-13	Dimethyl azelate	1 g
LA 25-0900-17	Dimethyl azelate	10 g
LA 25-1000-9	Dimethyl sebacate	100 mg
LA 25-1000-13	Dimethyl sebacate	1 g
LA 25-1000-17	Dimethyl sebacate	10 g
LA 25-1100-9	Dimethyl undecanedioate	100 mg
LA 25-1100-13	Dimethyl undecanedioate	1 g
LA 25-1200-9	Dimethyl dodecanedioate	100 mg
LA 25-1200-13	Dimethyl dodecanedioate	1 g
LA 25-1200-17	Dimethyl dodecanedioate	10 g
LA 25-1300-9	Dimethyl brassylate	100 mg
LA 25-1300-13	Dimethyl brassylate	1 g
LA 25-1400-9	Dimethyl tetradecanedioate	100 mg
LA 25-1400-13	Dimethyl tetradecanedioate	1 g
LA 25-1500-9	Dimethyl pentadecanedioate	100 mg
LA 25-1500-13	Dimethyl pentadecanedioate	1 g
LA 25-1600-9	Dimethyl hexadecanedioate	100 mg
LA 25-1600-13	Dimethyl hexadecanedioate	1 g
LA 25-1800-9	Dimethyl octadecanedioate	100 mg
LA 25-1800-13	Dimethyl octadecanedioate	1 g
LA 25-2600-9	Dimethyl hexacosanedioate	100 mg
LA 25-2600-13	Dimethyl hexacosanedioate	1 g

## Phospholipids

### Natural phospholipids

Natural phospholipids are isolated from plant or animal sources and purified to 98+% purity. QC testing is done by TLC. Documentation is not included.

#### L-alpha-Phosphatidylcholines (PC)

Code	Product	Unit
LA 37-0100-9	PC (egg)	100 mg
LA 37-0100-12	PC (egg)	500 mg
LA 37-0100-13	PC (egg)	1 g
LA 37-0102-9	PC (soybean)	100 mg
LA 37-0102-12	PC (soybean)	500 mg
LA 37-0102-13	PC (soybean)	1 g
LA 37-0105-7	PC (brain, bovine)	25 mg
LA 37-0105-9	PC (brain, bovine or porcine)	100 mg
LA 37-0105-12	PC (brain, bovine)	500 mg
LA 37-0106-7	PC (liver, bovine or porcine)	25 mg
LA 37-0106-9	PC (liver, bovine or porcine)	100 mg

## Natural phospholipids

Code	Product	Unit
LA 37-0108-9	PC (soybean, hydrogenated)	100 mg
LA 37-0108-12	PC (soybean, hydrogenated)	500 mg
LA 37-0108-13	PC (soybean, hydrogenated)	1 g

### L-alpha-Phosphatidylethanolamines (PE)

LA 37-0120-7	PE (egg)	25 mg
LA 37-0120-9	PE (egg)	100 mg
LA 37-0120-12	PE (egg)	500 mg
LA 37-0123-5	PE (heart, bovine)	10 mg
LA 37-0123-8	PE (heart, bovine)	50 mg
LA 37-0127-5	PE (E. Coli)	10 mg
LA 37-0127-8	PE (E. Coli)	50 mg

### L-alpha-Phosphatidylinositols (PI)

LA 37-0130-5	PI (soya)	10 mg
LA 37-0130-7	PI (soya)	25 mg
LA 37-0131-8	PI (wheat germ (Na salt)	50 mg
LA 37-0132-5	PI (yeast)	10 mg
LA 37-0132-7	PI (yeast)	25 mg
LA 37-0133-5	PI (heart, bovine)	10 mg
LA 37-0133-7	PI (heart, bovine)	25 mg

### L-alpha-Phosphatidic acids (PA)

LA 37-0140-7	PA (egg PC)	25 mg
LA 37-0140-9	PA (egg PC)	100 mg
LA 37-0141-5	PA (soybean PC), NH4+ salt	10 mg

### L-alpha-Phosphatidylglycerols (PG) Cardiolipin (CL)

LA 37-0150-7	PG (egg PC)	25 mg
LA 37-0150-9	PG (egg PC)	100 mg

### L-alpha-Phosphatidylserines (PS)

LA 37-0160-5	PS (brain, bovine)	10 mg
LA 37-0160-7	PS (brain, bovine)	25 mg
LA 37-0160-9	PS (brain, bovine)	100 mg
LA 37-0161-7	PS (spinal cord, bovine)	25 mg
LA 37-0161-9	PS (spinal cord, bovine)	100 mg
LA 37-0160-90-7	PS (brain, bovine)	25 mg

### L-alpha-Lysophosphatidylcholines (LPC)

LA 38-0100-7	LPC (egg) (neat)	25 mg
LA 38-0100-9	LPC (egg) (neat)	100 mg
LA 38-0100-12	LPC (egg) (neat)	500 mg
LA 38-0101-7	LPC (soybean)	25 mg
LA 38-0101-9	LPC (soybean)	100 mg
LA 38-0101-12	LPC (soybean)	500 mg
LA 38-0103-7	LPC (brain, bovine)	25 mg
LA 38-0103-9	LPC (brain, bovine)	100 mg

### L-alpha-Lysophosphatidylethanolamines (LPE)

LA 38-0120-7	LPE (egg)	25 mg
LA 38-0120-9	LPE (egg)	100 mg
LA 38-0120-12	LPE (egg)	500 mg
LA 38-0121-7	LPE (soybean)	25 mg
LA 38-0121-9	LPE (soybean)	100 mg

## Semisynthetic phospholipids

Code	Product	Unit
LA 38-0125-7	LPE (bovine)	25 mg
LA 38-0125-9	LPE (bovine)	100 mg
<b>L-alpha-Lysophosphatidylinositols (LPI)</b>		
LA 38-0130-2	LPI (soybean)	2 mg
LA 38-0131-4	LPI (liver, porcine)	5 mg
<b>L-alpha-Lysophosphatidylglycerol (LPG)</b>		
LA 38-0150-7	LPG (egg PC)	25 mg
LA 38-0150-9	LPG (egg PC)	100 mg
<b>Plasmalogens</b>		
LA 39-0300-4	PAF (Platelet-Activating Factor, bovine heart)	5 mg
LA 39-0300-7	PAF (Platelet-Activating Factor, bovine heart)	25 mg

## Semisynthetic phospholipids

### sn-Glycerophosphorylcholines

Code	Product	Unit
LA 37-0110-9	sn-Glycerophosphorylcholine (egg, free base)	100 mg
LA 37-0110-12	sn-Glycerophosphorylcholine (egg, free base)	500 mg
LA 37-0111-9	sn-Glycerophosphorylcholine (egg, CdCl <sub>2</sub> complex))	100 mg
LA 37-0111-12	sn-Glycerophosphorylcholine (egg, CdCl <sub>2</sub> complex))	500 mg

### Diacyl phosphatidyl cholines

	1,2-Diacyl-sn-glycero-3-phosphatidylcholines ( L-alpha-Phosphatidylcholines, 1,2-diacyl)	
LA 37-0600-7	1,2-Dihexanoyl-sn-glycero-3-phosphatidylcholine No. of C: 6:0	25 mg
LA 37-0600-9	1,2-Dihexanoyl-sn-glycero-3-Phosphatidylcholine	100 mg
LA 37-1200-9	1,2-Dilauroyl-sn-glycero-3-phosphatidylcholine No. of C: 12:0	100 mg
LA 37-1200-11	1,2-Dilauroyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1200-13	1,2-Dilauroyl-sn-glycero-3-phosphatidylcholine	1 g
LA 37-1400-9	1,2-Dimyristoyl-sn-glycero-3-phosphatidylcholine No. of C: 14:0	100 mg
LA 37-1400-11	1,2-Dimyristoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1500-9	1,2-Dipentadecanoyl-sn-glycero-3-phosphatidylcholine No. of C: 15:0	100 mg
LA 37-1500-11	1,2-Dipentadecanoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1600-9	1,2-Dipalmitoyl-sn-glycero-3-phosphatidylcholine No. of C: 16:0	100 mg
LA 37-1600-11	1,2-Dipalmitoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1700-9	1,2-Diheptadecanoyl-sn-glycero-3-phosphatidylcholine No. of C: 17:0	100 mg
LA 37-1700-11	1,2-Diheptadecanoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1800-9	1,2-Distearoyl-sn-glycero-3-phosphatidylcholine No. of C: 18:0	100 mg
LA 37-1800-11	1,2-Distearoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1800-13	1,2-Distearoyl-sn-glycero-3-phosphatidylcholine	1 g
LA 37-1801-9	1,2-Dioleoyl-sn-glycero-3-phosphatidylcholine No. of C: 18:1	100 mg
LA 37-1801-11	1,2-Dioleoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1801-13	1,2-Dioleoyl-sn-glycero-3-phosphatidylcholine	1 g

## Semisynthetic phospholipids

Code	Product	Unit
LA 37-1802-7	1,2-Dilinoleoyl-sn-glycero-3-phosphatidylcholine No. of C: 18:2	25 mg
LA 37-1802-9	1,2-Dilinoleoyl-sn-glycero-3-phosphatidylcholine	100 mg
LA 37-1900-9	1,2-Dinonadecanoyl-sn-glycero-3-phosphatidylcholine No. of C: 19:0	100 mg
LA 37-1900-11	1,2-Dinonadecanoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-2000-9	1,2-Diarachidoyl-sn-glycero-3-phosphatidylcholine No. of C: 20:0	100 mg
LA 37-2000-11	1,2-Diarachidoyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1618-7	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphatidylcholine No. of C: 16:0;18:1	25 mg
LA 37-1618-9	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphatidylcholine	100 mg
LA 37-1618-12	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphatidylcholine	500 mg

## Diacyl phosphatidyl ethanolamines

	1,2-Diacyl-sn-glycero-3-phosphatidylethanolamines ( L-alpha-Phosphatidylethanolamines, 1,2-diacyl )	
LA 37-1220-9	1,2-Dilauroyl-sn-glycero-3-phosphatidylethanolamine No. of C: 12:0	100 mg
LA 37-1220-11	1,2-Dilauroyl-sn-glycero-3-phosphatidylethanolamine	250 mg
LA 37-1420-9	1,2-Dimyristoyl-sn-glycero-3-phosphatidylethanolamine No. of C: 14:0	100 mg
LA 37-1420-11	1,2-Dimyristoyl-sn-glycero-3-phosphatidylethanolamine	250 mg
LA 37-1620-9	1,2-Dipalmitoyl-sn-glycero-3-phosphatidylethanolamine No. of C: 16:0	100 mg
LA 37-1620-11	1,2-Dipalmitoyl-sn-glycero-3-phosphatidylethanolamine	250 mg
LA 37-1620-13	1,2-Dipalmitoyl-sn-glycero-3-phosphatidylethanolamine	1 g
LA 37-1820-9	1,2-Distearoyl-sn-glycero-3-phosphatidylethanolamine No. of C: 18:0	100 mg
LA 37-1820-11	1,2-Distearoyl-sn-glycero-3-phosphatidylethanolamine	250 mg
LA 37-1821-7	1,2-Dioleoyl-sn-Glycero-3-Phosphatidylethanolamine No. of C: 18:1	25 mg
LA 37-1821-9	1,2-Dioleoyl-sn-Glycero-3-Phosphatidylethanolamine	100 mg

## Diacyl phosphatidic acids

	1,2-Diacyl-sn-glycero-3-phosphatic acids, NH3-salt or free form (L-alpha-Phosphatidic acid, 1,2-diacyl)	
LA 38-1460-9	1,2-Dimyristoyl-sn-glycero-3-phosphatidic No. of C: 14:0	100 mg
LA 38-1460-11	1,2-Dimyristoyl-sn-glycero-3-phosphatidic	250 mg
LA 38-1460-13	1,2-Dimyristoyl-sn-glycero-3-phosphatidic	1 g
LA 38-1660-9	1,2-Dipalmitoyl-sn-glycero-3-phosphatidic No. of C: 16:0	100 mg
LA 38-1660-11	1,2-Dipalmitoyl-sn-glycero-3-phosphatidic	250 mg
LA 38-1860-9	1,2-Distearoyl-sn-glycero-3-phosphatidic No. of C: 18:0	100 mg
LA 38-1860-11	1,2-Distearoyl-sn-glycero-3-phosphatidic	250 mg
LA 38-1861-9	1,2-Dioleoyl-sn-glycero-3-phosphatidic No. of C: 18:1	100 mg
LA 38-1861-11	1,2-Dioleoyl-sn-glycero-3-phosphatidic	250 mg
LA 38-1662-7	1-Palmitoyl-2-Oleoyl-sn-Glycero-3-Phosphatidic acid	25 mg

Code	Product	Unit
<b>Diacyl phosphatidyl glycerols</b>		
	1,2-Diacyl-sn-glycero-3-phosphatidyl-rac-glycerols, Na-salts (L-alpha-Phosphatidyl-rac-glycerol, 1,2-diacyl)	
LA 38-3014-9	1,2-Dimyristoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt) No. of C: 14:0	100 mg
LA 38-3014-11	1,2-Dimyristoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	250 mg
LA 38-3014-13	1,2-Dimyristoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	1 g
LA 38-3016-9	1,2-Dipalmitoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt) No. of C: 16:0	100 mg
LA 38-3016-11	1,2-Dipalmitoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	250 mg
LA 38-3016-13	1,2-Dipalmitoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	1 g
LA 38-3018-9	1,2-Distearoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt) No. of C: 18:0	100 mg
LA 38-3018-11	1,2-Distearoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	250 mg
LA 38-3018-13	1,2-Distearoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	1 g
LA 38-3028-7	1,2-Dioleoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt) No. of C: 18:1	25 mg
LA 38-3028-9	1,2-Dioleoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt)	100 mg
LA 38-3030-7	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphatidyl-rac-glycerol (Na-salt) No. of C: 16:0; 18:1	25 mg
LA 38-3030-9	1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphatidyl-rac-glycerol(Na-salt)	100 mg
<b>Lysophosphatidylcholines</b>		
	1-Acyl-2-hydroxy-sn-glycero-3-phosphatidylcholines (L-alpha-Phosphatidylcholines, 1-acyl, 2-hydroxy)	
LA 38-1400-7	1-Myristoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine No. of C: 14:0	25 mg
LA 38-1400-9	1-Myristoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine	100 mg
LA 38-1600-7	1-Palmitoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine No. of C: 16:0	25 mg
LA 38-1600-9	1-Palmitoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine	100 mg
LA 38-1800-7	1-Stearoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine No. of C: 18:0	25 mg
LA 38-1800-9	1-Stearoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine	100 mg
LA 38-1801-7	1-Oleoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine No. of C: 18:1	25 mg
LA 38-1801-9	1-Oleoyl-2-hydroxy-sn-glycero-3-phosphatidylcholine	100 mg
<b>Alkyl-O-phospholipids</b>		
Code	Product	Unit
	1,2-Di-O-Alkyl-sn-glycero-3-phospholipids	
LA 37-1480-8	1,2-Di-O-Tetradecyl-sn-glycero-3-phosphatidylcholine	50 mg
LA 37-1480-9	1,2-Di-O-Tetradecyl-sn-glycero-3-phosphatidylcholine	100 mg
LA 37-1480-11	1,2-Di-O-Tetradecyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1680-8	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylcholine	50 mg
LA 37-1680-9	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylcholine	100 mg
LA 37-1680-11	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylcholine	250 mg
LA 37-1682-8	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylethanolamine	50 mg
LA 37-1682-9	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylethanolamine	100 mg
LA 37-1682-11	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylethanolamine	250 mg
LA 37-1684-8	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylmethylethanolamine	50 mg
LA 37-1684-9	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylmethylethanolamine	100 mg
LA 37-1684-11	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylmethylethanolamine	250 mg

## Sphingolipids

Code	Product	Unit
LA 37-1686-8	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylmethylethanolamine	50 mg
LA 37-1686-9	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylmethylethanolamine	100 mg
LA 37-1686-11	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidylmethylethanolamine	250 mg

### Di-O-Alkyl phosphatidic acids

	1,2-Di-O-Alkyl-sn-glycero-3-phosphatidic acids Na-salts	
LA 38-1265-8	1,2-Di-O-Dodecyl-sn-glycero-3-phosphatidic acid (Na-salt)	50 mg
LA 38-1265-9	1,2-Di-O-Dodecyl-sn-glycero-3-phosphatidic (Na-salt)	100 mg
LA 38-1265-11	1,2-Di-O-Dodecyl-sn-glycero-3-phosphatidic (Na-salt)	250 mg
LA 38-1665-8	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidic (Na-salt)	50 mg
LA 38-1665-9	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidic (Na-salt)	100 mg
LA 38-1665-11	1,2-Di-O-Hexadecyl-sn-glycero-3-phosphatidic (Na-salt)	250 mg
LA 38-1865-8	1,2-Di-O-Octadecyl-sn-glycero-3-phosphatidic (Na-salt)	50 mg
LA 38-1865-9	1,2-Di-O-Octadecyl-sn-glycero-3-phosphatidic (Na-salt)	100 mg
LA 38-1865-11	1,2-Di-O-Octadecyl-sn-glycero-3-phosphatidic (Na-salt)	250 mg

## Sphingolipids

Sphingolipids are sphingosine derivatives having the C2 amino group linked to a fatty acid residue . When the C1 OH-group is linked to carbohydrate (mono-, oligosaccharides), the resulting structure becomes a Glycosphingolipid. Sphingomyelin is sphingosine having the C1 OH-group esterified to become a phosphorylcholine derivative . Gangliosides are sialic acid containing glycosphingolipids (see under Gangliosides). Our sphingolipids are of 98+% purity, i.e. free of proteins and peptides for direct use as standards or reagents. Documentation is not included.

### Sphingosines and dihydrosphingosines

Code	Product	Unit
LA 56-1086-5	D-Sphingosine (bovine)	10 mg
LA 56-1125-7	Phytosphingosine	25 mg
LA 56-1125-9	Phytosphingosine	100 mg
LA 56-1302-5	trans D-erythro-Sphingosine (synthetic)	10 mg
LA 56-1302-7	trans D-erythro-Sphingosine (synthetic)	25 mg
LA 56-1306-5	Dihydrosphingosine (sphinganine)	10 mg
LA 56-1306-7	Dihydrosphingosine (sphinganine)	25 mg
LA 56-1307-4	D-erythro-Dihydrosphingosine	5 mg
LA 56-1307-7	D-erythro-Dihydrosphingosine	25 mg
LA 56-1309-1	L-erythro-Dihydrosphingosine	1 mg
LA 56-1311-5	D-erythro-Sphingosine-1-Phosphate	10 mg
LA 56-1312-5	3-keto-Dihydrosphingosine.HCl	10 mg
LA 56-1313-5	3-keto-C6-Dihydrosphingosine.HCl	10 mg
LA 56-1314-5	3-keto-C8-Dihydrosphingosine.HCl	10 mg
LA 56-1315-5	3-keto-C12-Dihydrosphingosine.HCl	10 mg
LA 71-1086-1	D-erythro-Sphingosine (1,2-13C2, 99% ; 1,1-D2, 98%)	1 mg
LA 71-1086-5	D-erythro-Sphingosine (1,2-13C2, 99% ; 1,1-D2, 98%)	10 mg

### D-erythro-Sphingosines - C10 - C 20 Chain length

LA 56-1321-4	C12-D-erythro-Sphingosine No. of C: 12:0	5 mg
LA 56-1322-4	C14-D-erythro-Sphingosine No. of C: 14:0	5 mg
LA 56-1323-4	C16-D-erythro-Sphingosine No. of C: 16:0	5 mg
LA 56-1325-4	C20-D-erythro-Sphingosine No. of C: 20:0	5 mg

Code	Product	Unit
<b>Ceramides (N-acyl-sphingosine) D-erythro-forms</b>		
LA 56-1000-7	Ceramide (saturated, unsaturated and a-OH fatty)	25 mg
LA 56-1000-9	Ceramide (saturated, unsaturated and a-OH fatty acids)	100 mg
LA 56-1001-5	Ceramide HFA (a-OH fatty)	10 mg
LA 56-1087-5	N-Acetyl-D-Sphingosine No. of C: 2:0	10 mg
LA 56-1093-5	N-Hexanoyl-D-Sphingosine No. of C: 6:0	10 mg
LA 56-1094-5	N-Octanoyl-D-Sphingosine No. of C: 8:0	10 mg
LA 56-1121-4	N-Myristoyl-D-Sphingosine No. of C: 14:0	5 mg
LA 56-1135-5	N-Pentadecanoyl-D-Sphingosine No. of C: 15:0	10 mg
LA 56-1088-5	N-Palmitoyl-D-sphingosine No. of C: 16:0	10 mg
LA 56-1136-5	N-Heptadecanoyl-D-Sphingosine No. of C: 17:0	10 mg
LA 56-1089-5	N-Stearoyl-D-Sphingosine No. of C: 18:0	10 mg
LA 56-1134-1	N-Stearoyl-D-threo-Sphingosine No. of C: 18:0	1 mg
LA 56-1137-5	N-Nonadecanoyl-D-Sphingosine No. of C: 19:0	10 mg
LA 56-1122-4	N-Eicosanoyl-D-Sphingosine No. of C: 20:0	5 mg
LA 56-1124-4	N-Teracosanoyl-D-Spingosine No. of C: 24:0	5 mg
LA 56-1123-4	N-Nervonoyl-D-Spingosine No. of C: 24:1	5 mg
<b>Dihydroceramides (N-acyl-Sphinganines)</b>		
LA 56-1074-4	C2-dihydro-Ceramide (n-acetyl-) No. of C: 2:0	5 mg
LA 56-1074-8	C2-dihydro-Ceramide (n-acetyl-)	50 mg
LA 56-1075-4	C6-dihydro-Ceramide (n-hexanoyl-) No. of C: 6:0	5 mg
LA 56-1075-8	C6-dihydro-Ceramide (n-hexanoyl-)	50 mg
LA 56-1076-4	C8-dihydro-Ceramide (n-octanoyl-) No. of C: 8:0	5 mg
LA 56-1076-8	C8-dihydro-Ceramide (n-octanoyl-)	50 mg
LA 56-1077-4	C18-dihydro-Ceramide (n-stearoyl-) No. of C: 18:0	5 mg
LA 56-1077-8	C18-dihydro-Ceramide (N-stearoyl-)	50 mg
<b>Phytoceramides ( N-acyl-Phytosphingosines)</b>		
LA 56-1160-4	N-Acetyl-Phytosphingosine	5 mg
LA 56-1161-4	N-Hexanoyl-Phytosphingosine	5 mg
LA 56-1162-4	N-Octanoyl-Phytosphingosine	5 mg
LA 56-1163-4	N-Palmitoyl-phytosphingosine	5 mg
LA 56-1164-4	N-Stearoyl-Phytosphingosine	5 mg
LA 56-1165-4	N-Tetracosanoyl-phytosphingosine	5 mg

## Sphingolipids

Code	Product	Unit
<b>Ceramide derivates</b>		
LA 56-1070-4	Lactosyl ceramides bovine (butter milk)	5 mg
LA 56-1072-1	Lactosyl ceramides porcine	1 mg
LA 56-1073-1	lyso-Lactosyl ceramide	1 mg
LA 56-1055-1	Ceramide trihexosides (CTH, Gb3)	1 mg
LA 56-1056-35	Ceramide trihexosides (CTH, Gb3)	0,5 mg
LA 56-1057-35	Ceramide trihexosides (CTH, Gb3)	0,5 mg
LA 56-1065-4	Globosides (gl4, Gb4, globotetraosyl ceramide)	5 mg
LA 56-1061-35	Heptadecanoyl ceramide trihexoside (C17 CTH)	0,5 mg
LA 56-1063-35	Tricosanoyl ceramide trihexoside (C23 CTH)	0,5 mg
LA 71-1071-1	Palmitoyl-(methyl-D3)-lactosylceramide	1 mg
<b>Cerebrosides</b>		
LA 56-1060-8	Cerebrosides Origin: Ceramide galactosides (bov)	50 mg
LA 56-1060-11	Cerebrosides	250 mg
LA 56-1050-5	Ceramide galactoside Origin: cont. n-fatty acids (Kerasin)	10 mg
LA 56-1051-7	Ceramide galactoside	25 mg
LA 56-1051-9	Ceramide galactoside	100 mg
LA 56-1090-5	Psychosine Origin: lyso-ceramide galactoside	10 mg
LA 56-1140-5	N-Acetyl-Psychosine Origin: C2-Cerebroside	10 mg
LA 56-1096-4	N-Pentadecanoyl-psychosine	5 mg
LA 56-1092-D-4	N-Stearoyl-D35-Psychosine Origin: C18-D35-Cerebroside	5 mg
LA 56-1062-4	Glucocerebrosides Origin: Gaucher's spleen	5 mg
LA 56-1064-4	Glucocerebrosides	5 mg
LA 56-1067-4	Glucocerebrosides	5 mg
LA 56-1141-4	Glucopsychosine Origin: lyso-Ceramide glucoside	5 mg
LA 56-1085-7	Sulfatides (bovine)-diagnostic grade (BSE tested) Origin: Ceramide galactoside 3-sulfate	25 mg
LA 56-1085-9	Sulfatides (bovine)-diagnostic grade (BSE tested)	100 mg
LA 56-1142-1	lyso-Sulfatide (bovine) NH4-salt	1 mg
LA 56-1059-1	Palmitoyl sulfatide Origin: C16:0 side chain	1 mg
LA 71-1070-1	N-Palmitoyl-(methyl-D3)-glucopsychosine neW	1 mg
<b>Sphingomyelins</b>		
LA 56-1080-7	Sphingomyelin Origin: Bovine brain	25 mg
LA 56-1080-11	Sphingomyelin	250 mg
LA 56-1080-13	Sphingomyelin	1 g
LA 56-1069-9	Sphingomyelin Origin: Egg	100 mg
LA 56-1068-7	Sphingomyelin Origin: Bovine buttermilk	25 mg
LA 56-1082-4	N-Acetylsphingosylphosphorylcholine	5 mg
LA 56-1083-4	N-Hexanoylsphingosylphosphorylcholine	5 mg
LA 56-1084-4	N-Octadecanoylsphingosylphosphorylcholine	5 mg
LA 56-1143-5	Sphingosylphosphorylcholine (lyso-sphingomyelin)	10 mg

## Gangliosides and related derivatives

Code	Product	Unit
LA 56-1079-1	Dihydrosphingosylphosphorylcholine (99% erythro)	1 mg
LA 78-1080-1	N-Palmitoyl-1-13C-sphingosylphosphorylcholine	1 mg
LA 56-1095-4	N-Acetyl-Sphingosylphosphorylethanolamine	5 mg
LA 56-1144-4	D-erythro-Sphingosylphosphorylcholine	5 mg

### Fluorescent sphingolipids

LA 39-5050-39	C12 NBD-Sphingomyelin	100 µg
LA 39-5064-39	C6 NBD-Sphingomyelin	100 µg
LA 39-5051-39	C12 NBD-Ceramide	100 µg
LA 39-5052-39	C6 NBD-Phytosphingosine	100 µg
LA 39-5053-39	C12 NBD-Phytosphingosine	100 µg
LA 39-5054-39	C6 NBD-L-threo-Dihydrosphingosine	100 µg
LA 39-5055-39	C12 NBD-L-threo-Dihydrosphingosine	100 µg
LA 39-5056-39	C6 NBD-D-erythro-Dihydrosphingosine	100 µg
LA 39-5057-39	C12 NBD-D-erythro-Dihydrosphingosine	100 µg
LA 39-5058-39	C6 NBD-I-threo-Sphingosine	100 µg
LA 39-5060-39	C6 NBD-Sphingosine, beta-D-galactosyl	100 µg
LA 39-5061-39	C6 NBD-Sphingosine, beta-D-glucosyl	100 µg
LA 39-5062-41	C6 NBD-Sphingosine, beta-D-lactosyl	50 µg
LA 39-5063-41	C12 NBD-Sphingosine, beta-D-lactosyl	50 µg

### Gangliosides and related derivatives

Gangliosides, sialic acid containing glycosphingolipids, are components of vertebrate cell membranes, where they are present as a large number of structures differing in the oligosaccharide and lipid moieties. Gangliosides show a strong amphiphilic character and interact with other lipid membrane components while the hydrophilic oligosaccharide chain interacts with soluble extracellular molecules and with the hydrophilic portion of other membrane components. Gangliosides appear to play an important role in the modulation of cell functionality, acting as receptors for toxins and participating in the biotransductions of membrane mediated information.

Documentation: Data sheet

LA 56-1202-7	Purified mixed Gangliosides	25 mg
LA 56-1101-1	Monosialoganglioside GM1(bovine)	1 mg
LA 56-1101-4	Monosialoganglioside GM1(bovine)	5 mg
LA 56-1200-1	Monosialoganglioside GM2 (bovine)	1 mg
LA 56-1118-1	Monosialoganglioside GM4 (bovine)	1 mg
LA 56-1102-1	Gangliotetraosyl Ceramide Gg4, asialo GM2	1 mg
LA 56-1103-4	Disialoganglioside GD1a	5 mg
LA 56-1104-1	Disialoganglioside GD1b	1 mg
LA 56-1115-1	Disialoganglioside GD2 (bovine)	1 mg
LA 56-1201-1	Disialoganglioside GD4	1 mg
LA 56-1105-1	Trisialoganglioside GT1b	1 mg
LA 56-1117-1	Trisialoganglioside GT1a (bovine)	1 mg
LA 56-1108-1	Tetrasialoganglioside GQ1b	1 mg
LA 56-1108-32	Tetrasialoganglioside GQ1b	0,1 mg
LA 56-1111-35	lyso-Monosialoganglioside GM1 (lacks fatty chain)	0,5 mg

### Sialic Acid & derivatives

LA 56-1150-9	N-Acetyl-Neuraminic acid (Sialic acid) Documentation: Not included	100 mg
LA 56-1150-13	N-Acetyl-Neuraminic acid (Sialic acid)	1 g
LA 56-1151-9	N-Acetyl-Neuraminic acid methyl ester Documentation: Not included	100 mg
LA 56-1151-13	N-Acetyl-Neuraminic acid methyl ester	1 g

## D-myo-Phosphatidylinositol phosphates

### D-myo-Phosphatidylinositol phosphates

Phosphoinositide phosphates (PtdInsPn) are used in cell signalling research in areas including signal transduction, cytoskeletal remodelling, endo- and exocytosis, protein trafficking, oncogene function and cell adhesion.

Documentation: Data sheet

Purity: 95+%

Code	Product	Unit
LA 59-1112-1	Phosphatidylinositol, 1,2-dipalmitoyl	1 mg
LA 59-1112-32	Phosphatidylinositol, 1,2-dipalmitoyl	0,1 mg
LA 59-1100-1	Phosphatidylinositol-3-phosphate, 1,2-dipalmitoyl	1 mg
LA 59-1100-32	Phosphatidylinositol-3-phosphate, 1,2-dipalmitoyl	0,1 mg
LA 59-1118-1	Phosphatidylinositol 4-phosphate, 1,2-dipalmitoyl	1 mg
LA 59-1118-32	Phosphatidylinositol 4-phosphate, 1,2-dipalmitoyl	0,1 mg
LA 59-1122-1	Phosphatidylinositol 5-phosphate, 1,2-dipalmitoyl	1 mg
LA 59-1122-32	Phosphatidylinositol 5-phosphate, 1,2-dipalmitoyl	0,1 mg
LA 59-1101-1	Phosphatidylinositol bis-3,4-phosphate, 1,2-dipalmitoyl	1 mg
LA 59-1101-32	Phosphatidylinositol bis-3,4-phosphate, 1,2-dipalmitoyl	0,1 mg
LA 59-1124-1	Phosphatidylinositol bis-4,5-phosphate, 1,2-dioctanoyl	1 mg
LA 59-1124-32	Phosphatidylinositol bis-4,5-phosphate, 1,2-dioctanoyl	0,1 mg
LA 59-1125-1	Phosphatidylinositol bis-4,5-phosphate, 1,2-dipalmitoyl	1 mg
LA 59-1125-32	Phosphatidylinositol bis-4,5-phosphate, 1,2-dipalmitoyl	0,1 mg
LA 59-1130-1	Phosphatidylinositol tris-3,4,5-phosphate, 1,2-dioctanoyl	1 mg
LA 59-1130-32	Phosphatidylinositol tris-3,4,5-phosphate, 1,2-dioctanoyl	0,1 mg
LA 59-1102-1	Phosphatidylinositol tris-3,4,5-phosphate, 1,2-dipalmitoyl	1 mg
LA 59-1102-32	Phosphatidylinositol tris-3,4,5-phosphate, 1,2-dipalmitoyl	0,1 mg
LA 59-1103-1	Phosphatidylinositol bis-4,5-phosphate (plant, sodium salt)	1 mg
LA 59-1103-4	Phosphatidylinositol bis-4,5-phosphate (plant, sodium salt)	5 mg

## Plant leaf lipids

Documentation: Not included

LA 59-1200-5	Monogalactosyl diglyceride	10 mg
LA 59-1200-8	Monogalactosyl diglyceride	50 mg
LA 59-1210-5	Digalactosyl diglyceride	10 mg
LA 59-1210-8	Digalactosyl diglyceride	50 mg
LA 59-1220-4	Phosphatidyl glycerol	5 mg
LA 59-1220-7	Phosphatidyl glycerol	25 mg
LA 59-1230-4	Sulphoquinovosyl diglyceride	5 mg
LA 59-1230-7	Sulphoquinovosyl diglyceride	25 mg

## Plant sterols, steryl glucosides

LA 60-1000-9	Ergosterol, 95%	100 mg
LA 60-1002-9	Stigmasterol, 98+%	100 mg
LA 60-1003-7	Plant Sterol Mixture	25 mg
LA 60-1004-1	Brassicasterol, 95+%	1 mg
LA 60-1020-4	Steryl glucoside, 98+% (soybean)	5 mg
LA 60-1021-2	Esterified steryl glucoside, 98+% (soybean)	2 mg

## Polyprenols and derivatives

Polyprenols occur in plants and as purified single compounds are useful in various research areas related to lipid membranes. Our prenologues are isolated from plant species and purified to show one single spot on TLC (95+%).

Documentation: Data sheet

Code	Product	Unit
<b>Polyprenols</b>		
LA 60-1035-4	Heptaprenol Origin: Betula verrucosa	5 mg
LA 60-1035-5	Heptaprenol	10 mg
LA 62-1035-2	Heptaprenyl-MPDA	2 mg
LA 62-1035-4	Heptaprenyl-MPDA	5 mg
LA 60-1040-4	Octaprenol Origin: Betula verrucosa	5 mg
LA 60-1040-5	Octaprenol	10 mg
LA 62-1040-2	Octaprenyl-MPDA	2 mg
LA 62-1040-4	Octaprenyl-MPDA	5 mg
LA 60-1050-4	Decaprenol Origin: Tilia cordata	5 mg
LA 60-1050-5	Decaprenol	10 mg
LA 62-1050-2	Decaprenyl-MPDA	2 mg
LA 62-1050-4	Decaprenyl-MPDA	5 mg
LA 60-1055-4	Undecaprenol Origin: Laurus nobilis	5 mg
LA 60-1055-5	Undecaprenol	10 mg
LA 62-1055-2	Undecaprenyl-MPDA	2 mg
LA 62-1055-4	Undecaprenyl-MPDA	5 mg
LA 60-1060-4	Dodecaprenol Origin: Laurus nobilis	5 mg
LA 60-1060-5	Dodecaprenol	10 mg
LA 62-1060-2	Dodecaprenyl-MPDA	2 mg
LA 62-1060-4	Dodecaprenyl-MPDA	5 mg
LA 60-1065-4	Tridecaprenol Origin: Abies alba	5 mg
LA 60-1065-5	Tridecaprenol	10 mg
LA 62-1065-2	Tridecaprenyl-MPDA	2 mg
LA 62-1065-4	Tridecaprenyl-MPDA	5 mg

## Dolichols & dolichylphosphates

Dolichols occur naturally in animals (liver). Chemically, Dolichols are long chain isoprenoid alcohols similar to Polyprenols but differing in having a saturated  $\alpha$ -isoprene unit.

Natural Dolichols: All are prepared from bovine liver as optically active compounds (S configuration)

Documentation: Data sheet

Purity: 95+%

LA 66-1090-1	C90-Dolichol (Dolichol-18)	1 mg
LA 66-1090-2	C90-Dolichol (Dolichol-18)	2 mg
LA 66-1090-4	C90-Dolichol (Dolichol-18)	5 mg
LA 67-1090-1	C90-Dolichyl-MPDA	1 mg
LA 67-1090-2	C90-Dolichyl-MPDA	2 mg
LA 67-1090-4	C90-Dolichyl-MPDA	5 mg
LA 66-1095-1	C95-Dolichol (Dolichol-19)	1 mg
LA 66-1095-2	C95-Dolichol (Dolichol-19)	2 mg
LA 66-1095-4	C95-Dolichol (Dolichol-19)	5 mg
LA 67-1095-1	C95-Dolichyl-MPDA	1 mg

## Polyprenols and derivatives

Code	Product	Unit
LA 67-1095-2	C95-Dolichyl-MPDA	2 mg
LA 67-1095-4	C95-Dolichyl-MPDA	5 mg
LA 66-1100-1	C100-Dolichol (Dolichol-20)	1 mg
LA 66-1100-2	C100-Dolichol (Dolichol-20)	2 mg
LA 66-1100-4	C100-Dolichol (Dolichol-20)	5 mg
LA 67-1100-1	C100-Dolichyl-MPDA	1 mg
LA 67-1100-2	C100-Dolichyl-MPDA	2 mg
LA 67-1100-4	C100-Dolichyl-MPDA	5 mg
LA 66-1105-1	C105-Dolichol (Dolichol-21)	1 mg
LA 66-1105-2	C105-Dolichol (Dolichol-21)	2 mg
LA 66-1105-4	C105-Dolichol (Dolichol-21)	5 mg
LA 67-1105-1	C105-Dolichyl-MPDA	1 mg
LA 67-1105-2	C105-Dolichyl-MPDA	2 mg
LA 67-1105-4	C105-Dolichyl-MPDA	5 mg
LA 66-1110-1	C110-Dolichol (Dolichol-22)	1 mg
LA 66-1110-2	C110-Dolichol (Dolichol-22)	2 mg
LA 66-1110-4	C110-Dolichol (Dolichol-22)	5 mg
LA 67-1110-1	C110-Dolichyl-MPDA	1 mg
LA 67-1110-2	C110-Dolichyl-MPDA	2 mg
LA 67-1110-4	C110-Dolichyl-MPDA	5 mg

## Oligoprenyl phosphates

	Documentation: Data sheet	
	Purity: 95+%	
LA 68-1210-2	Isopentenyl monophosphate-DA	2 mg
LA 68-1210-35	Isopentenyl monophosphate-DA	0,5 mg
LA 68-1310-2	gamma,gamma-Dimethylallyl monophosphate-DA	2 mg
LA 68-1310-35	gamma,gamma-Dimethylallyl monophosphate-DA	0,5 mg
LA 68-1220-2	Isopentenyl diphosphate-TA	2 mg
LA 68-1220-35	Isopentenyl diphosphate-TA	0,5 mg
LA 68-1320-2	gamma,gamma-Dimethylallyl diphosphate-TA	2 mg
LA 68-1320-35	gamma,gamma-Dimethylallyl diphosphate-TA	0,5 mg
LA 68-1410-2	Geranyl monophosphate-DA	2 mg
LA 68-1410-35	Geranyl monophosphate-DA	0,5 mg
LA 68-1510-2	Farnesyl monophosphate-DA	2 mg
LA 68-1510-35	Farnesyl monophosphate-DA	0,5 mg
LA 68-1610-2	Geranylgeranyl monophosphate-DA	2 mg
LA 68-1610-35	Geranylgeranyl monophosphate-DA	0,5 mg
LA 68-1420-2	Geranyl diphosphate-TA	2 mg
LA 68-1420-35	Geranyl diphosphate-TA	0,5 mg
LA 68-1520-2	Farnesyl diphosphate-TA	2 mg
LA 68-1520-35	Farnesyl diphosphate-TA	0,5 mg
LA 68-1620-2	Geranylgeranyl diphosphate-TA	2 mg
LA 68-1620-35	Geranylgeranyl diphosphate-TA	0,5 mg
LA 68-1710-2	Phytol monophosphate-DA	2 mg
LA 68-1710-35	Phytol monophosphate-DA	0,5 mg
LA 68-1720-2	Phytol diphosphate-TA	2 mg
LA 68-1720-35	Phytol diphosphate-TA	0,5 mg

Code	Product	Unit
<b>Bile Acids &amp; Methyl esters</b>		
	Documentation: TLC	
	Purity: 98%	
LA 65-1001-9	Cholic acid	100 mg
LA 65-1001-13	Cholic acid	1 g
LA 65-1002-9	Methyl cholate	100 mg
LA 65-1002-13	Methyl cholate	1 g
LA 65-1003-9	Deoxycholic acid	100 mg
LA 65-1003-13	Deoxycholic acid	1 g
LA 65-1004-9	Methyl deoxycholate	100 mg
LA 65-1004-13	Methyl deoxycholate	1 g
LA 65-1005-9	Chenodeoxycholic acid	100 mg
LA 65-1005-13	Chenodeoxycholic acid	1 g
LA 65-1006-9	Methyl chenodeoxycholate	100 mg
LA 65-1008-9	Sodium glycocholate	100 mg
LA 65-1008-13	Sodium glycocholate	1 g
LA 65-1010-9	Sodium glycocodeoxycholate	100 mg
LA 65-1010-13	Sodium glycocodeoxycholate	1 g
LA 65-1012-9	Sodium taurocholate	100 mg
LA 65-1012-13	Sodium taurocholate	1 g
LA 65-1014-9	Sodium taurodeoxycholate	100 mg

## Aliphatic hydrocarbons - Saturated

Documentation: GC

Code	Product	Unit
LA 05-0600-9	Hexane	100 mg
	No. of C: 6:0	
LA 05-0700-9	Heptane	100 mg
	No. of C: 7:0	
LA 05-0700-13	Heptane	1 g
LA 05-0800-9	Octane	100 mg
	No. of C: 8:0	
LA 05-0800-13	Octane	1 g
LA 05-0900-9	Nonane	100 mg
	No. of C: 9:0	
LA 05-0900-13	Nonane	1 g
LA 05-1000-9	Decane	100 mg
	No. of C: 10:0	
LA 05-1000-13	Decane	1 g
LA 05-1100-9	Undecane	100 mg
	No. of C: 11:0	
LA 05-1100-13	Undecane	1 g
LA 05-1200-9	Dodecane	100 mg
	No. of C: 12:0	
LA 05-1200-13	Dodecane	1 g
LA 05-1300-9	Tridecane	100 mg
	No. of C: 13:0	
LA 05-1300-13	Tridecane	1 g
LA 05-1400-9	Tetradecane	100 mg
	No. of C: 14:0	
LA 05-1400-13	Tetradecane	1 g

## Aliphatic hydrocarbons - Saturated

Code	Product	Unit
LA 05-1500-9	Pentadecane No. of C: 15:0	100 mg
LA 05-1500-13	Pentadecane	1 g
LA 05-1600-9	Hexadecane No. of C: 16:0	100 mg
LA 05-1600-13	Hexadecane	1 g
LA 05-1700-9	Heptadecane No. of C: 17:0	100 mg
LA 05-1700-13	Heptadecane	1 g
LA 05-1800-9	Octadecane No. of C: 18:0	100 mg
LA 05-1800-13	Octadecane	1 g
LA 05-1900-9	Nonadecane No. of C: 19:0	100 mg
LA 05-1900-13	Nonadecane	1 g
LA 05-2000-9	Eicosane No. of C: 20:0	100 mg
LA 05-2000-13	Eicosane	1 g
LA 05-2100-9	Heneicosane No. of C: 21:0	100 mg
LA 05-2100-13	Heneicosane	1 g
LA 05-2200-9	Docosane No. of C: 22:0	100 mg
LA 05-2200-13	Docosane	1 g
LA 05-2300-9	Tricosane No. of C: 23:0	100 mg
LA 05-2300-13	Tricosane	1 g
LA 05-2400-9	Tetracosane No. of C: 24:0	100 mg
LA 05-2400-13	Tetracosane	1 g
LA 05-2500-9	Pentacosane No. of C: 25:0	100 mg
LA 05-2500-13	Pentacosane	1 g
LA 05-2600-9	Hexacosane No. of C: 26:0	100 mg
LA 05-2600-13	Hexacosane	1 g
LA 05-2700-7	Heptacosane No. of C: 27:0	25 mg
LA 05-2700-9	Heptacosane	100 mg
LA 05-2700-13	Heptacosane	1 g
LA 05-2800-9	Octacosane No. of C: 28:0	100 mg
LA 05-2800-13	Octacosane	1 g
LA 05-2900-7	Nonacosane No. of C: 29:0	25 mg
LA 05-2900-9	Nonacosane	100 mg
LA 05-2900-13	Nonacosane	1 g
LA 05-3000-9	Triacontane No. of C: 30:0	100 mg
LA 05-3000-13	Triacontane	1 g
LA 05-3100-7	Hentriacontane No. of C: 31:0	25 mg
LA 05-3100-9	Hentriacontane	100 mg
LA 05-3100-13	Hentriacontane	1 g

## Isoprenoid hydrocarbons

Code	Product	Unit
LA 05-3200-9	Dotriacontane No. of C: 32:0	100 mg
LA 05-3200-13	Dotriacontane	1 g
LA 05-3300-7	Tritriacontane No. of C: 33:0	25 mg
LA 05-3300-9	Tritriacontane	100 mg
LA 05-3300-13	Tritriacontane	1 g
LA 05-3400-9	Tetratriacontane No. of C: 34:0	100 mg
LA 05-3400-13	Tetratriacontane	1 g
LA 05-3500-7	Pentatriacontane No. of C: 35:0	25 mg
LA 05-3500-9	Pentatriacontane	100 mg
LA 05-3500-13	Pentatriacontane	1 g
LA 05-3600-9	Hexatriacontane No. of C: 36:0	100 mg
LA 05-3600-13	Hexatriacontane	1 g
LA 05-3800-7	Octatriacontane No. of C: 38:0	25 mg
LA 05-3800-9	Octatriacontane	100 mg
LA 05-3800-13	Octatriacontane	1 g
LA 05-4000-7	Tetracontane No. of C: 40:0	25 mg
LA 05-4000-9	Tetracontane	100 mg
LA 05-4000-13	Tetracontane	1 g
LA 05-4400-7	Tetratetracontane No. of C: 44:0	25 mg
LA 05-4400-9	Tetratetracontane	100 mg
LA 05-5000-7	Pentacontane No. of C: 50:0	25 mg
LA 05-5000-9	Pentacontane	100 mg

## Isoprenoid hydrocarbons

Documentation: GC

Purity: 98%

Code	Product	Unit
LA 05-1504-9	Pristane (2,6,10,14-tetramethylpentadecane)	100 mg
LA 05-1504-12	Pristane (2,6,10,14-tetramethylpentadecane)	500 mg
LA 05-1504-13	Pristane (2,6,10,14-tetramethylpentadecane)	1 g

## Kits

## Kits

### Fatty acid & Fatty acid methyl ester kits

Code	Product	Unit
LA 50-1011	FA KIT 11 Fatty acids even no C6:0-C22:0 9 x 1g Hexanoic acid (Caproic acid) Octanoic acid (Caprylic acid) Decanoic acid (Capric acid) Dodecanoic acid (Lauric acid) Tetradecanoic acid (Myristic acid)	Kit Hexadecanoic acid (Palmitic acid) Octadecanoic acid (Stearic acid) Eicosanoic acid (Arachidic acid) Docosanoic acid (Behenic acid)
LA 50-1012	FA KIT 12 Fatty acids odd no C7:0-C23:0 9 x 100mg Heptanoic acid Nonanoic acid (Pelargonic acid) Undecanoic acid Tridecanoic acid Pentadecanoic acid	Kit Heptadecanoic acid (Margaric acid) Nonadecanoic acid Heneicosanoic acid Tricosanoic acid
LA 50-1014	FA KIT 14 Fatty acids, unsat. C14:1-C24:1 9 x 100 mg Myristoleic acid (9c) Palmitoleic acid (9c) Oleic acid (9c) Linoleic acid (9c,12c) Linolenic acid (9c,12c,15c)	Kit 11c-Eicosenoic acid Arachidonic acid (5c,8c,11c,14c) Erucic acid (13c-Docosenoic acid) Nervonic acid (15c)
LA 50-1020	FAME KIT 20 Methyl esters C4:0-C26:0 23 x 100 mg Methyl undecanoate Methyl dodecanoate Methyl tridecanoate Methyl tetradecanoate Methyl pentadecanoate Methyl hexadecanoate Methyl heptadecanoate Methyl octadecanoate Methyl nonadecanoate Methyl eicosanoate Methyl heneicosanoate Methyl docosanoate	Kit Methyl tricosanoate Methyl tetracosanoate Methyl pentacosanoate Methyl butyrate Methyl hexacosanoate Methyl pentanoate Methyl hexanoate Methyl heptanoate Methyl octanoate Methyl nonanoate Methyl decanoate
LA 50-1021	FAME KIT 21 Methyl esters even no C6:0-C22:0 9 x 1 g Methyl hexadecanoate Methyl octadecanoate Methyl eicosanoate Methyl docosanoate Methyl hexanoate	Kit Methyl octanoate Methyl decanoate Methyl dodecanoate Methyl tetradecanoate
LA 50-1022	FAME KIT 22 Methyl esters odd no C7:0-C23:0 9 x 100 mg Methyl heptanoate Methyl nonanoate Methyl undecanoate Methyl tridecanoate Methyl pentadecanoate	Kit Methyl heptadecanoate Methyl nonadecanoate Methyl heneicosanoate Methyl tricosanoate
LA 50-1023	FAME KIT 23 methyl esters, long chained C20:0-C26:0 7 x 100 mg Methyl eicosanoate Methyl heneicosanoate Methyl docosanoate Methyl tricosanoate	Kit Methyl tetracosanoate Methyl pentacosanoate Methyl hexacosanoate
LA 50-1024	FAME KIT 24 Methyl esters, unsat. C14:1-C24:1 9 x 100 mg Methyl palmitoleate (9c) Methyl oleate (9c) Methyl linoleate (9c,12c) Methyl linolenate (9c,12c,15c) Methyl 11c-eicosanoate	Kit Methyl arachidonate (5c,8c,11c,14c) Methyl erucate (13c) Methyl nervonate (15c) Methyl myristoleate (9c)

Code	Product	Unit
<b>2-Hydroxy fatty acid &amp; Fatty acid methyl ester kits</b>		
LA 50-1412	FA-2OH KIT 12 2- Hydroxy fatty acids C10:0-C22:0 even no 7 x 50 mg 2-Hydroxydecanoic acid 2-Hydroxydodecanoic acid 2-Hydroxytetradecanoic acid 2-Hydroxyhexadecanoic acid	Kit
LA 50-1422	FAME-2OH KIT 22 Methyl esters C10:0-C22:0 even no 7 x 50 mg Methyl 2-hydroxydecanoate Methyl 2-hydroxydodecanoate Methyl 2-hydroxytetradecanoate Methyl 2-hydroxyhexadecanoate	Kit
<b>3-Hydroxy fatty acid &amp; Fatty acid methyl ester kits</b>		
LA 50-1413	FA-3OH KIT 13 3-Hydroxy fatty acids C8:0-C18:0 even no 6 x 50 mg 3-Hydroxyoctanoic acid 3-Hydroxydecanoic acid 3-Hydroxydodecanoic acid	Kit
LA 50-1423	FAME-3OH KIT 23 Methyl esters C8:0-C18:0 even no 6 x 50 mg Methyl 3-hydroxyoctanoate Methyl 3-hydroxydecanoate Methyl 3-hydroxydodecanoate	Kit
<b>Aliphatic hydrocarbons kit</b>		
LA 50-1001	HC KIT 1 n-Alkanes C8-C19 12 x 1 g Octane Nonane Decane	Kit
	Undecane Dodecane Tridecane	Tetradecane Pentadecane Hexadecane
LA 50-1002	HC KIT 2 n-Alkanes C20-C38 12 x 100 mg Tetratriacontane.... Heneicosane Hexatriacontane..... Docosane Octatriacontane ..... Tricosane Eicosane ..... Tetracosane	Kit
	Hexacosane Octacosane Triacontane Dotriicontane	Heptadecane Octadecane Nonadecane
LA 50-1032	Glyc KIT 32 Triglycerides C6:0-C20:0 10 x 100 mg Tricaproin (Trihexanoin) Tricaprylin (Trioctanoin) Tricaprin (Tridecanoin) Trilaurin (Tridodecanoin) Trimyristin (Tritetradecanoin)	Kit
		Tripalmitin (Trihexadecanoin) Tristearin (Trioctadecanoin) Triolein (9c) Trilinolein (9c,12c) Triarachidin (Triicosanoin)
<b>Phosphoglycerides – Phospholipids kits</b>		
LA 37-5000	Phosphoglycerides KIT 5 mg.....PC (liver,bovine or porcine) 5 mg.....Sciadonic acid methyl ester [Methyl 5(Z),11((Z),14(Z)-eicosatrienoate] 5 mg.....Sciadonic acid methyl ester [Methyl 5(Z),11((Z),14(Z)-eicosatrienoate] 5 mg.....PA (egg PC) 5 mg.....PS (brain,bovine) 5 mg.....Cardiolipin (CL),ammonium salt (bovine) 5 mg.....LPC (liver,bovine or porcine) 5 mg.....Sciadonic acid methyl ester[Methyl 5(Z),11((Z),14(Z)-eicosatrienoate] 5 mg.....Cerebrosides 5 mg.....Ceramide (saturated,unsaturated and a-OH fatty acids)	Kit

## Reference mixtures

Code	Product	Unit
LA 37-0000	Natural phospholipids Kit 9 single items 10 mg ..... PC (egg) 10 mg ..... PE (egg) 3 mg ..... PI (wheat germ (Na salt) 10 mg ..... PA (egg PC) 10 mg ..... PS (brain,bovine) 10 mg ..... LPC (egg) (neat) 10 mg ..... Cerebrosides 10 mg ..... Sphingomyelin 10 mg ..... Sulfatides (bovine)-diagnostic grade (BSE tested)	KIT

## Plant sterols kit

LA 60-1200	Plant sterols Kit 25 mg ..... Ergosterol, 95% 100 mg .... Lanosterol 55% 25 mg ..... Stigmasterol, 98+% 25 mg ..... Plant Sterol Mixture 2 mg ..... Desmosterol 90% 100 mg .... beta-Sitosterol 55% 5 mg ..... Coprostanol 100 mg .... Cholestanol 5 mg..... Steryl Glucoside, 98+% (soybean) 2 mg..... Esterified Steryl Glucoside, 98+% (soybean)	Kit
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## Reference mixtures

### Glycospingolipid mixtures for TLC

Code	Product	Unit
LA 90-3051	TLC Mix 51 Equal weight % 25 mg /mL in Chloroform-Methanol 2:1 Cerebrosides Sphingomyelin Sulfatides (bovine)-diagnostic grade (BSE tested)	1 mL

### Fatty acid methyl esters - FAME mixtures

LA 90-1010	Mixture ME 10 GC not included C 2:0 ..... Methyl acetate C 3:0 ..... Methyl propionate C 4:0 ..... Methyl butyrate C 5:0 ..... Methyl pentanoate C 6:0 ..... Methyl hexanoate	100 mg
LA 90-1011	Mixture ME 11 Equal weight % C 6:0 ..... Methyl hexanoate C 7:0 ..... Methyl heptanoate C 8:0 ..... Methyl octanoate C 9:0 ..... Methyl nonanoate C 10:0 ..... Methyl decanoate	100 mg
LA 90-1012	Mixture ME 12 Equal weight % C 11:0 ..... Methyl undecanoate C 12:0 ..... Methyl dodecanoate C 13:0 ..... Methyl tridecanoate C 14:0 ..... Methyl tetradecanoate C 15:0 ..... Methyl pentadecanoate	100 mg
LA 90-1013	Mixture ME 13 Equal weight % C 16:0 ..... Methyl hexadecanoate C 17:0 ..... Methyl heptadecanoate C 18:0 ..... Methyl octadecanoate C 19:0 ..... Methyl nonadecanoate C 20:0 ..... Methyl eicosanoate	100 mg
LA 90-1014	Mixture ME 14 Equal weight % C 18:0 ..... Methyl octadecanoate C 19:0 ..... Methyl nonadecanoate C 20:0 ..... Methyl eicosanoate C 21:0 ..... Methyl heneicosanoate C 22:0 ..... Methyl docosanoate	100 mg

## Reference mixtures

Code	Product	Unit
LA 90-1015	Mixture ME 15 Equal weight % C 8:0 .....Methyl octanoate C 9:0 .....Methyl nonanoate C 10:0 .....Methyl decanoate C 11:0 .....Methyl undecanoate C 12:0 .....Methyl dodecanoate	100 mg
LA 90-1016	Mixture ME 16 Equal weight % C 13:0 .....Methyl tridecanoate C 14:0 .....Methyl tetradecanoate C 15:0 .....Methyl pentadecanoate C 16:0 .....Methyl hexadecanoate C 17:0 .....Methyl heptadecanoate	100 mg
LA 90-1017	Mixture ME 17 Equal weight % C 20:0 .....Methyl eicosanoate C 21:0 .....Methyl heneicosanoate C 22:0 .....Methyl docosanoate C 23:0 .....Methyl tricosanoate C 24:0 .....Methyl tetracosanoate	100 mg
LA 90-1018	Mixture ME 18 Equal weight % C 15:0 .....Methyl pentadecanoate C 16:0 .....Methyl hexadecanoate C 17:0 .....Methyl heptadecanoate C 18:0 .....Methyl octadecanoate C 19:0 .....Methyl nonadecanoate	100 mg
LA 90-1020	Mixture ME 20 Equal weight % C 6:0 .....Methyl hexanoate C 8:0 .....Methyl octanoate C 10:0 .....Methyl decanoate C 12:0 .....Methyl dodecanoate C 14:0 .....Methyl tetradecanoate	100 mg
LA 90-1021	Mixture ME 21 Equal weight % C 8:0 .....Methyl octanoate C 10:0 .....Methyl decanoate C 12:0 .....Methyl dodecanoate C 14:0 .....Methyl tetradecanoate C 16:0 .....Methyl hexadecanoate	100 mg
LA 90-1023	Mixture ME 23 Equal weight % C 16:0 .....Methyl hexadecanoate C 18:0 .....Methyl octadecanoate C 20:0 .....Methyl eicosanoate C 22:0 .....Methyl docosanoate C 24:0 .....Methyl tetracosanoate	100 mg
LA 90-1024	Mixture Me 24 Equal weight % C 12:0 .....Methyl dodecanoate C 14:0 .....Methyl tetradecanoate C 16:0 .....Methyl hexadecanoate C 18:0 .....Methyl octadecanoate C 20:0 .....Methyl eicosanoate	100 mg
LA 90-1026	Mixture ME 26 Equal weight % C 13:0 .....Methyl tridecanoate C 15:0 .....Methyl pentadecanoate C 17:0 .....Methyl heptadecanoate C 19:0 .....Methyl nonadecanoate C 21:0 .....Methyl heneicosanoate	100 mg
LA 90-1030	Mixture ME 30 Equal weight % C 12:0 .....Methyl dodecanoate C 14:0 .....Methyl tetradecanoate C 14:1 .....Methyl myristoleate (9c) C 16:0 .....Methyl hexadecanoate C 16:1 .....Methyl palmitoleate (9c)	100 mg

## Reference mixtures

Code	Product	Unit
LA 90-1032	Mixture ME 32 Equal weight % C 16:0 ..... Methyl hexadecanoate C 18:0 ..... Methyl octadecanoate C 18:1 ..... Methyl oleate (9c) C 18:2 ..... Methyl linoleate (9c,12c) C 18:3 ..... Methyl linolenate (9c,12c,15c)	100 mg
LA 90-1033	Mixture ME 33 Equal weight % C 16:1 ..... Methyl palmitoleate (9c) C 18:1 ..... Methyl oleate (9c) C 20:1 ..... Methyl 11c-eicosenoate C 22:1 ..... Methyl erucate (13c) C 24:1 ..... Methyl nervonate ( 15c)	100 mg
LA 90-1034	Mixture ME 34 Equal weight % C 18:0 ..... Methyl octadecanoate C 18:1 ..... Methyl oleate (9c) C 18:2 ..... Methyl linoleate (9c,12c) C 18:3 ..... Methyl linolenate (9c,12c,15c) C 20:4 ..... Methyl arachidonate (5c,8c,11c,14c)	100 mg
LA 90-1036	Mixture ME 36 Equal weight % C 20:0 ..... Methyl eicosanoate C 20:1 ..... Methyl 11c-eicosenoate C 20:2 ..... Methyl 11c,14c- Eicosadienoate C 20:3 ..... Methyl eicosatrienoate (11c,14c,17c) C 20:4 ..... Methyl arachidonate (5c,8c,11c,14c)	100 mg
LA 90-1037	Mixture ME 37 Equal weight % Delivered in solution C 16:0 ..... Methyl hexadecanoate C 18:0 ..... Methyl octadecanoate C 20:0 ..... Methyl eicosanoate C 22:0 ..... Methyl docosanoate	100 mg
LA 90-1060	Mixture ME 60 Weight % C 4:0 ..... Methyl butyrate ..... 4% C 6:0 ..... Methyl hexanoate ..... 3% C 8:0 ..... Methyl octanoate ..... 2% C 10:0 ..... Methyl decanoate ..... 3% C 12:0 ..... Methyl dodecanoate ..... 3% C 14:0 ..... Methyl tetradecanoate ..... 12% C 16:0 ..... Methyl hexadecanoate ..... 30% C 18:0 ..... Methyl octadecanoate ..... 10% C 18:1 ..... Methyl oleate (9c) ..... 30% C 18:2 ..... Methyl linoleate (9c,12c) ..... 2% C 18:3 ..... Methyl linolenate (9c,12c,15c) ..... 1%	100 mg
LA 90-1061	Mixture ME 61 Weight % C 4:0 ..... Methyl butyrate ..... 4% C 6:0 ..... Methyl hexanoate ..... 2% C 8:0 ..... Methyl octanoate ..... 1% C 10:0 ..... Methyl decanoate ..... 3% C 12:0 ..... Methyl dodecanoate ..... 4% C 14:0 ..... Methyl tetradecanoate ..... 10% C 14:1 ..... Methyl myristoleate (9c) ..... 2% C 16:0 ..... Methyl hexadecanoate ..... 25% C 16:1 ..... Methyl palmitoleate (9c) ..... 5% C 18:0 ..... Methyl octadecanoate ..... 10% C 18:1 ..... Methyl oleate (9c) ..... 25% C 18:2 ..... Methyl linoleate (9c,12c) ..... 3% C 18:3 ..... Methyl linolenate (9c,12c,15c) ..... 4% C 20:0 ..... Methyl eicosanoate ..... 2%	100 mg

## Reference mixtures

Code	Product	Unit
LA 90-1062	Mixture ME 62 Weight % C 4:0 .....Methyl butyrate .....7.7% C 6:0 .....Methyl hexanoate .....7.7% C 8:0 .....Methyl octanoate .....7.7% C 10:0 .....Methyl decanoate .....7.7% C 12:0 .....Methyl dodecanoate .....7.7% C 14:0 .....Methyl tetradecanoate .....7.7% C 16:0 .....Methyl hexadecanoate .....7.7% C 18:0 .....Methyl octadecanoate .....7.7% C 18:1 .....Methyl oleate (9c) .....7.7% C 18:2 .....Methyl linoleate (9c,12c).....7.7% C 18:3 .....Methyl linolenate (9c,12c,15c).....7.7% C 20:0 .....Methyl eicosanoate.....7.7% C 22:0 .....Methyl docosanoate .....7.7%	100 mg
LA 90-1063	Mixture ME 63 Weight % C 8:0 .....Methyl octanoate .....2% C 10:0 .....Methyl decanoate .....3% C 12:0 .....Methyl dodecanoate .....4% C 14:0 .....Methyl tetradecanoate .....8% C 16:0 .....Methyl hexadecanoate .....10% C 18:0 .....Methyl octadecanoate .....7% C 18:1 .....Methyl oleate (9c) .....8% C 18:2 .....Methyl linoleate (9c,12c).....8% C 18:3 .....Methyl linolenate (9c,12c,15c).....10% C 20:0 .....Methyl eicosanoate.....8% C 22:0 .....Methyl docosanoate .....10% C 22:1 .....Methyl erucate (13c).....10% C 24:0 .....Methyl tetracosanoate .....12%	100 mg
LA 90-1064	Mixture ME 64 Weight % C 12:0 .....Methyl dodecanoate .....2% C 14:0 .....Methyl tetradecanoate .....2% C 14:1 .....Methyl myristoleate (9c) .....1% C 16:0 .....Methyl hexadecanoate .....22% C 16:1 .....Methyl palmitoleate (9c) .....5% C 17:0 .....Methyl heptadecanoate .....10% C 18:0 .....Methyl octadecanoate .....10% C 18:1 .....Methyl oleate (9c) .....32% C 18:2 .....Methyl linoleate (9c,12c).....8% C 18:3 .....Methyl linolenate (9c,12c,15c).....4% C 20:4 .....Methyl arachidonate (5c,8c,11c,14c).....4%	100 mg
LA 90-1071	Mixture ME 71 Weight % C 16:0 .....Methyl hexadecanoate .....10% C 18:0 .....Methyl octadecanoate .....5% C 18:1 .....Methyl oleate (9c) .....30% C 18:2 .....Methyl linoleate (9c,12c).....50% C 18:3 .....Methyl linolenate (9c,12c,15c).....5%	100 mg
LA 90-1076	Mixture ME 76 Weight % C 16:0 .....Methyl hexadecanoate .....4% C 18:0 .....Methyl octadecanoate .....1% C 18:1 .....Methyl oleate (9c) .....58% C 18:2 .....Methyl linoleate (9c,12c).....20% C 18:3 .....Methyl linolenate (9c,12c,15c).....10% C 20:0 .....Methyl eicosanoate.....1% C 20:1 .....Methyl 11c-eicosenoate.....2% C 22:0 .....Methyl docosanoate .....1% C 22:1 .....Methyl erucate (13c).....2% C 24:0 .....Methyl tetracosanoate .....1%	100 mg
LA 90-1077	Mixture ME 77 Weight % C 16:0 .....Methyl hexadecanoate .....6% C 18:0 .....Methyl octadecanoate .....4% C 18:1 .....Methyl oleate (9c) .....20% C 18:2 .....Methyl linoleate (9c,12c).....68% C 18:3 .....Methyl linolenate (9c,12c,15c).....0.2% C 20:0 .....Methyl eicosanoate.....0.4% C 20:1 .....Methyl 11c-eicosenoate.....0.2% C 22:0 .....Methyl docosanoate .....0.9% C 24:0 .....Methyl tetracosanoate .....0.3%	100 mg

## Reference mixtures

Code	Product	Unit
LA 90-1081	Mixture ME 81 Weight % C 14:0 ..... Methyl tetradecanoate ..... 5% C 16:0 ..... Methyl hexadecanoate ..... 10% C 16:1 ..... Methyl palmitoleate (9c) ..... 5% C 18:0 ..... Methyl octadecanoate ..... 6% C 18:1 ..... Methyl oleate (9c) ..... 25% C 18:2 ..... Methyl linoleate (9c,12c) ..... 15% C 18:3 ..... Methyl linolenate (9c,12c,15c) ..... 17% C 20:1 ..... Methyl 11c-eicosenoate ..... 7% C 20:4 ..... Methyl arachidonate (5c,8c,11c,14c) ..... 5% C 22:6 ..... Methyl docosahexaenoate (4c,7c,10c,13c,16c,19c) ..... 5%	100 mg
LA 90-1082	Mixture ME 82 Weight % C 6:0 ..... Methyl hexanoate ..... 1% C 8:0 ..... Methyl octanoate ..... 1% C 10:0 ..... Methyl decanoate ..... 1% C 12:0 ..... Methyl dodecanoate ..... 8% C 14:0 ..... Methyl tetradecanoate ..... 6% C 14:1 ..... Methyl myristoleate (9c) ..... 0.5% C 15:0 ..... Methyl pentadecanoate ..... 0.5% C 15:1 ..... Methyl 10c-pentadecenoate ..... 0.5% C 16:0 ..... Methyl hexadecanoate ..... 24% C 16:1 ..... Methyl palmitoleate (9c)2 ..... 2 % C 17:0 ..... Methyl heptadecanoate ..... 1% C 17:1 ..... Methyl 10c-heptadecenoate ..... 0.5% C 18:0 ..... Methyl octadecanoate ..... 21% C 18:1 ..... Methyl oleate (9c) ..... 31% C 18:2 ..... Methyl linoleate (9c,12c) ..... 1% C 18:3 ..... Methyl linolenate (9c,12c,15c) ..... 0.5% C 20:0 ..... Methyl eicosanoate ..... 0.5%	100 mg
LA 90-1091	Mixture ME 91 Weight % Delivered in solution C 12:0 ..... Methyl dodecanoate ..... 5% C 14:0 ..... Methyl tetradecanoate ..... 5% C 16:0 ..... Methyl hexadecanoate ..... 10% C 18:0 ..... Methyl octadecanoate ..... 20% C 18:1 ..... Methyl oleate (9c) ..... 20% C 20:0 ..... Methyl eicosanoate ..... 40%	100 mg
LA 90-1093	Mixture ME 93 Weight % C 14:1 ..... Methyl myristoleate (9c) ..... 10% C 14:1 ..... Methyl myristelaidate (9tr) ..... 5% C iso-C15:0 ..... Methyl 13-methyltetradecanoate ..... 2% C 15:1 ..... Methyl 10c-pentadecenoate ..... 9.8% C 16:1 ..... Methyl palmitelaidate (9tr) ..... 5.2% C iso-C17:0 ..... Methyl 15-methylhexadecanoate ..... 4.9% C 17:1 ..... Methyl 10c-heptadecenoate ..... 5.1% C anteiso-C18:0 ..... Methyl 15-methylheptadecanoate ..... 10% C 18:1 ..... Methyl petroselinoate (6c) ..... 5% C 18:1 ..... Methyl vaccenate (11c) ..... 2% C 18:1 ..... Methyl transvaccenate (11tr) ..... 10% C 18:2 ..... Methyl linolelaidate (9tr,12tr) ..... 3% C 18:3 ..... Methyl gamma linolenate (6c,9c,12c) ..... 10% C 19:0 ..... Methyl nonadecanoate ..... 5% C 20:1 ..... Methyl 11tr-eicosenoate ..... 5% C 22:1 ..... Methyl brassidate (13tr) ..... 3% C 24:0 ..... Methyl tetracosanoate ..... 3% C 26:0 ..... Methyl hexacosanoate ..... 2%	100 mg
LA 90-1094	Mixture ME 94 Weight % C 6:0 ..... Methyl hexanoate ..... 1% C 7:0 ..... Methyl heptanoate ..... 0.5% C 8:0 ..... Methyl octanoate ..... 50% C 9:0 ..... Methyl nonanoate ..... 0.5% C 10:0 ..... Methyl decanoate ..... 44.5% C 11:0 ..... Methyl undecanoate ..... 0.5% C 12:0 ..... Methyl dodecanoate ..... 2% C 14:0 ..... Methyl tetradecanoate ..... 0.5% C 16:0 ..... Methyl hexadecanoate ..... 0.5%	100 mg
LA 90-1095	Mixture ME 95 Equal weight % C 16:0 ..... Methyl hexadecanoate C 18:0 ..... Methyl octadecanoate C 18:2 ..... Methyl linoleate (9c,12c) C 20:4 ..... Methyl arachidonate (5c,8c,11c,14c) C 22:6 ..... Methyl docosahexaenoate (4c,7c,10c,13c,16c,19c)	50 mg

## Reference mixtures

Code	Product	Unit
LA 90-1096	Mixture ME 96 Equal weight % C 16:1 .....Methyl palmitoleate (9c) C 17:0 .....Methyl heptadecanoate C 18:1 .....Methyl oleate (9c) C 20:5 .....Methyl eicosapentaenoate (5c,8c,11c,14c,17c) C 22:5 .....Methyl docosapentaenoate ( 7c,10c,13c,16c,19c)	50 mg
LA 90-1097	Mixture ME 97 Equal weight % C 18:1 .....Methyl vaccenate (11c) C 20:3 .....Methyl eicosatrienoate (11c,14c,17c) C 22:0 .....Methyl docosanoate C 22:5 .....Methyl docosapentaenoate (4c,7c,10c,13c,16c) C 24:1 .....Methyl nervonate (15c)	50 mg
LA 90-1100	Mixture Me 100 Weight % Documentation: Gravimetric certificate (delivered in solution) C 4:0 .....Methyl butyrate .....4% C 6:0 .....Methyl hexanoate .....4% C 8:0 .....Methyl octanoate .....4% C 10:0 .....Methyl decanoate .....4% C 11:0 .....Methyl undecanoate .....2% C 12:0 .....Methyl dodecanoate .....4% C 13:0 .....Methyl tridecanoate .....2% C 14:0 .....Methyl tetradecanoate .....4% C 14:1 .....Methyl myristoleate (9c)2 .....2% C 15:0 .....Methyl pentadecanoate .....2% C 15:1 .....Methyl 10c-pentadecenoate .....2% C 16:0 .....Methyl hexadecanoate .....6% C 16:1 .....Methyl palmitoleate (9c) .....2% C 17:0 .....Methyl heptadecanoate .....2% C 17:1 .....Methyl 10c-heptadecenoate .....2% C 18:0 .....Methyl octadecanoate .....4% C 18:1 .....Methyl oleate (9c) .....4% C 18:1 .....Methyl elaidate (9tr) .....2% C 18:2 .....Methyl linoleate (9c,12c) .....2% C 18:2 .....Methyl linolauidate (9tr,12tr) .....2% C 18:3 .....Methyl linolenate (9c,12c,15c) .....2% C 18:3 .....Methyl gamma linolenate (6c,9c,12c) .....2% C 20:0 .....Methyl eicosanoate .....4% C 20:1 .....Methyl 11c-eicosenoate .....2% C 20:2 .....Methyl 11c,14c- eicosadienoate .....2% C 20:3 .....Methyl eicosatrienoate (11c,14c,17c) .....2% C 20:3 .....Methyl 8c,11c,14c-eicosatrienoate .....2% C 20:4 .....Methyl arachidonate (5c,8c,11c,14c) .....2% C 20:5 .....Methyl eicosapentaenoate (5c,8c,11c,14c,17c) .....2% C 21:0 .....Methyl heneicosanoate .....2% C 22:0 .....Methyl docosanoate .....4% C 22:1 .....Methyl erucate (13c) .....2% C 22:2 .....Methyl docosadienoate (13c,16c) .....2% C 22:6 .....Methyl docosahexaenoate ( 4c,7c,10c,13c,16c,19c) .....2% C 23:0 .....Methyl tricosanoate .....2% C 24:0 .....Methyl tetracosanoate .....4% C 24:1 .....Methyl nervonate ( 15c) .....2%	10 mg
LA 90-1120	Mixture ME 120 Weight % Delivered in solution C 12:0 .....Methyl dodecanoate .....5% C 14:0 .....Methyl tetradecanoate .....5% C 16:0 .....Methyl hexadecanoate .....10% C 18:0 .....Methyl octadecanoate .....20% C 18:1 .....Methyl oleate (9c) .....20% C 20:0 .....Methyl eicosanoate .....40%	100 mg
LA 90-1121	Mixture ME 121 Weight % C 16:0 .....Methyl hexadecanoate .....3.5% C 18:0 .....Methyl octadecanoate .....3.5% C 18:1 .....Methyl oleate (9c) .....79.9% C 18:2 .....Methyl linoleate (9c,12c) .....10.1% C 18:3 .....Methyl linolenate (9c,12c,15c) .....1.0% C 20:0 .....Methyl eicosanoate .....0.5% C 22:0 .....Methyl docosanoate .....1.5%	100 mg

## Reference mixtures

Code	Product	Unit
LA 90-1200	Mixture ME 200 Weight % Delivered in solution C 14:0 ..... Methyl tetradecanoate ..... 5% C 16:0 ..... Methyl hexadecanoate ..... 10% C 18:0 ..... Methyl octadecanoate ..... 15% C 18:1 ..... Methyl oleate (9c) ..... 20% C 20:0 ..... Methyl eicosanoate ..... 20% C 20:1 ..... Methyl 11c-eicosenoate ..... 10% C 22:0 ..... Methyl docosanoate ..... 10% C 24:0 ..... Methyl tetracosanoate ..... 10%	100 mg
LA 90-1201	Mixture ME 201 Weight % C 14:0 ..... Methyl tetradecanoate ..... 2% C 16:0 ..... Methyl hexadecanoate ..... 10% C 16:1 ..... Methyl palmitoleate (9c) ..... 4% C 18:0 ..... Methyl octadecanoate ..... 2% C 18:1 ..... Methyl oleate (9c) ..... 66% C 18:2 ..... Methyl linoleate (9c,12c) ..... 15% C 18:3 ..... Methyl linolenate (9c,12c,15c) ..... 1%	100 mg
LA 90-1275	Mixture ME 275 Weight % C 14:0 ..... Methyl tetradecanoate ..... 0.5% C 16:0 ..... Methyl hexadecanoate ..... 10% C 16:1 ..... Methyl palmitoleate (9c) ..... 0.5% C 18:0 ..... Methyl octadecanoate ..... 4% C 18:1 ..... Methyl oleate (9c) ..... 22% C 18:2 ..... Methyl linoleate (9c,12c) ..... 52% C 18:3 ..... Methyl linolenate (9c,12c,15c) ..... 8% C 20:0 ..... Methyl eicosanoate ..... 1% C 20:1 ..... Methyl 11c-eicosenoate ..... 1% C 22:0 ..... Methyl docosanoate ..... 1%	100 mg

## Branched chain fatty acid methyl ester mixtures

LA 90-1051	Mixture BR 1 Weight % C iso-C14:0 ..... Methyl 12-methyltridecanoate ..... 8% C 14:0 ..... Methyl tetradecanoate ..... 15% C anteiso-C15:0 ..... Methyl 12-methyltetradecanoate ..... 9% C 15:0 ..... Methyl pentadecanoate ..... 22% C iso-C16:0 ..... Methyl 14-methylpentadecanoate ..... 8% C 16:0 ..... Methyl hexadecanoate ..... 8% C anteiso-C17:0 ..... Methyl 14-methylhexadecanoate ..... 9%	25 mg
LA 90-1052	Mixture BR 2 Equal weight % C anteiso-C13:0 ..... Methyl 10-methyldodecanoate C 13:0 ..... Methyl tridecanoate C iso-C14:0 ..... Methyl 12-methyltridecanoate C 14:0 ..... Methyl tetradecanoate C anteiso-C15:0 ..... Methyl 12-methyltetradecanoate C 15:0 ..... Methyl pentadecanoate C iso-C16:0 ..... Methyl 14-methylpentadecanoate C 16:0 ..... Methyl hexadecanoate C anteiso-C17:0 ..... Methyl 14-methylhexadecanoate	25 mg
LA 90-1053	Mixture BR 3 Equal weight % C anteiso-C15:0 ..... Methyl 12-methyltetradecanoate C 15:0 ..... Methyl pentadecanoate C iso-C16:0 ..... Methyl 14-methylpentadecanoate C 16:0 ..... Methyl hexadecanoate C anteiso-C17:0 ..... Methyl 14-methylhexadecanoate C 17:0 ..... Methyl heptadecanoate C iso-C18:0 ..... Methyl 16-methylheptadecanoate C 18:0 ..... Methyl octadecanoate	25 mg
LA 90-1054	Mixture BR 4 Equal weight % C anteiso-C17:0 ..... Methyl 14-methylhexadecanoate C 17:0 ..... Methyl heptadecanoate C iso-C18:0 ..... Methyl 16-methylheptadecanoate C 18:0 ..... Methyl octadecanoate C anteiso-C19:0 ..... Methyl 16-methyloctadecanoate C 19:0 ..... Methyl nonadecanoate C iso-C20:0 ..... Methyl 18-methylnonadecanoate C 20:0 ..... Methyl eicosanoate	25 mg

## Reference mixtures

Code	Product	Unit
LA 90-1561	Mixture FA 61 Weight % C 4:0 Butyric acid.....4% C 6:0 Hexanoic acid (Caproic acid) .....2% C 8:0 Octanoic acid (Caprylic acid) .....1% C 10:0 Decanoic acid (Capric acid) .....3% C 12:0 Dodecanoic acid (Lauric acid).....4% C 14:0 Tetradecanoic acid (Myristic acid).....10% C 14:1 Myristoleic acid (9c).....2% C 16:0 Hexadecanoic acid (Palmitic acid).....25% C 16:1 Palmitoleic acid (9c).....5% C 18:0 Octadecanoic acid (Stearic acid) .....10% C 18:1 Oleic acid (9c) .....25% C 18:2 Linoleic acid (9c,12c) .....3% C 18:3 Linolenic acid (9c,12c,15c).....4% C 20:0 Eicosanoic acid(Arachidic acid) .....2%	100 mg
<b>Oil mixtures</b>		
LA 90-1103	Mixture FO 3 Weight % C 14:0 .....Methyl tetradecanoate .....1% C 16:0 .....Methyl hexadecanoate .....4% C 18:0 .....Methyl octadecanoate .....3% C 18:1 .....Methyl oleate (9c) .....45% C 18:2 .....Methyl linoleate (9c,12c).....15% C 18:3 .....Methyl linolenate (9c,12c,15c).....3% C 20:0 .....Methyl eicosanoate.....3% C 22:0 .....Methyl docosanoate .....3% C 22:1 .....Methyl erucate (13c).....20% C 24:0 .....Methyl tetracosanoat .....3%	100 mg
LA 90-1104	Mixture FO 4 Weight % C 16:0 .....Methyl hexadecanoate .....11% C 18:0 .....Methyl octadecanoate .....3% C 18:1 .....Methyl oleate (9c) .....80% C 18:2 .....Methyl linoleate (9c,12c).....6%	100 mg
LA 90-1105	Mixture FO 5 Weight % C 8:0 .....Methyl octanoate .....7% C 10:0 .....Methyl decanoate .....5% C 12:0 .....Methyl dodecanoate .....48% C 14:0 .....Methyl tetradecanoate .....15% C 16:0 .....Methyl hexadecanoate .....7% C 18:0 .....Methyl octadecanoate .....3% C 18:1 .....Methyl oleate (9c) .....12% C 18:2 .....Methyl linoleate (9c,12c).....3%	100 mg
LA 90-1107	Mixture FO 7 Weight % C 14:0 .....Methyl tetradecanoate .....1% C 16:0 .....Methyl hexadecanoate .....4% C 18:0 .....Methyl octadecanoate .....3% C 18:1 .....Methyl oleate (9c) .....60% C 18:2 .....Methyl linoleate (9c,12c).....12% C 18:3 .....Methyl linolenate (9c,12c,15c).....5% C 20:0 .....Methyl eicosanoate.....3% C 20:1 .....Methyl 11c-eicosenoate.....1% C 22:0 .....Methyl docosanoate .....3% C 22:1 .....Methyl erucate (13c).....5% C 24:0 .....Methyl tetracosanoate .....3%	100 mg
LA 90-1108	Mixture FO 7 modified Weight % C 14:0 .....Methyl tetradecanoate .....1% C 16:0 .....Methyl hexadecanoate .....4% C 18:0 .....Methyl octadecanoate .....3% C 18:1 .....Methyl oleate (9c) .....60% C 18:2 .....Methyl linoleate (9c,12c).....12% C 18:3 .....Methyl linolenate (9c,12c,15c).....5% C 20:0 .....Methyl eicosanoate.....3% C 20:1 .....Methyl 11c-eicosenoate.....1% C 22:0 .....Methyl docosanoate .....3% C 22:1 .....Methyl erucate (13c).....5% C 24:1 .....Methyl nervonate ( 15c).....3%	100 mg

## Reference mixtures

Code	Product	Unit
LA 90-5513	Mixture rapeseed	100 mg
	Weight %	
	C 16:0 ..... Methyl hexadecanoate.....4%	
	C 18:0 ..... Methyl octadecanoate.....1%	
	C 18:1 ..... Methyl oleate (9c) .....53.8%	
	C 18:1 ..... Methyl vaccenate (11c).....20.2%	
	C 18:2 ..... Methyl linoleate (9c,12c).....10%	
	C 18:3 ..... Methyl linolenate (9c,12c,15c).....4%	
	C 20:0 ..... Methyl eicosanoate.....2%	
	C 20:1 ..... Methyl 11c-eicosenoate.....1.9%	
	C 22:0 ..... Methyl docosanoate.....1%	
	C 22:1 ..... Methyl erucate (13c).....2.1%	

## Glyceride mixtures

LA 90-3010	TG Mix 10 (Glyceride Mix)	100 mg
	Equal weight %	
	C 6:0 (Fatty acid) ..... Tricaproin (Trihexanoin)	
	C 7:0 (Fatty acid) ..... Triheptanoin	
	C 8:0 (Fatty acid) ..... Tricaprylin (Trioctanoin)	
	C 9:0 (Fatty acid) ..... Trinonanoin	
	C 10:0 (Fatty acid) ..... Tricaprin (Tridecanoin)	
LA 90-3011	TG Mix 11 (Glyceride Mix)	100 mg
	Equal weight %	
	C 7:0 (Fatty acid) ..... Triheptanoin	
	C 9:0 (Fatty acid) ..... Trinonanoin	
	C 11:0 (Fatty acid) ..... Triundecanoin	
	C 13:0 (Fatty acid) ..... Tritridecanoin	
	C 15:0 (Fatty acid) ..... Tripentadecanoin	

## Mixed lipid mixtures

LA 90-3032	TLC Mix 32	100 mg
	Equal weight %	
	C 16:0 (Fatty acid) ..... Monopalmitin (Monohexadecanoin)	
	C 16:0 (Fatty acid) ..... Dipalmitin (Dihexadecanoin)	
	C 16:0 (Fatty acid) ..... Tripalmitin (Trihexadecanoin)	
	C 16:0 ..... Methyl hexadecanoate	
	C 16:0 ..... Hexadecanoic acid (Palmitic acid)	
LA 90-3034	TLC Mix 34	100 mg
	Equal weight %	
	C 18:1 (Fatty acid) ..... Monoolein	
	C 18:1 (Fatty acid) ..... Diolein (9c)	
	C 18:1 (Fatty acid) ..... Triolein (9c)	
	C 18:1 ..... Methyl oleate (9c)	
	C 18:1 ..... Oleic acid (9c)	
LA 90-3040	TLC Mix 40	100 mg
	Equal weight %	
	..... Cholesterol	
	C 18:1 ..... Cholesteryl oleate	
	C 18:1 (Fatty acid) ..... Triolein (9c)	
	C 18:1 ..... Oleic acid (9c)	
	..... PC (egg)	
LA 90-3042	TLC Mix 42	25 mg
	Equal weight %	
	..... Cholesterol	
	C 18:1 ..... Cholesteryl Oleate	
	C 18:1 ..... Oleic acid (9c)	
	C 18:1 (Fatty acid) ..... Triolein (9c)	
	..... Ceramide (saturated,unsaturated and a-OH fatty acids)	
LA 90-3043	TLC Mix 43	100 mg
	Equal weight %	
	Delivered in solution 100 mg 90-3043	
	..... Cholesterol	
	C 18:1 ..... Cholesteryl oleate	
	C 18:1 (Fatty acid) ..... Triolein (9c)	
	C 18:1 ..... Methyl oleate (9c)	

Code	Product	Unit
<b>Fish oil FAME mixture</b>		
LA 89-5550	Qualmix Fish S Synthetic mixture of the following fatty acid methyl esters similar in composition to the fatty acid profile of natural Fish Oil. Approximative % composition by weight All FAMEs are indicated on the GC supplied with this product.	50 mg
C 14:0 .....Methyl tetradecanoate .....7% C 15:0 .....Methyl pentadecanoate .....3% C 16:0 .....Methyl hexadecanoate .....13% C 16:1 .....Methyl palmitoleate (9c) .....5% C 18:0 .....Methyl octadecanoate .....3% C 18:1 .....Methyl oleate (9c) .....10% C 18:1 .....Methyl vaccenate (11c) .....4% C 18:2 .....Methyl linoleate (9c,12c).....3% C 18:3 .....Methyl linolenate (9c,12c,15c).....2% C 18:4 .....Methyl octadecatetraenoate (6c,9c,12c,15c) (Methyl stearidonate).....1% C 20:1 .....Methyl 11c-eicosenoate.....15% C 20:4 .....Methyl arachidonate (5c,8c,11c,14c).....4% C 20:5 .....Methyl eicosapentaenoate (5c,8c,11c,14c,17c) .....5% C 22:1 .....Methyl erucate (13c).....11% C 22:4 .....Methyl docosatetraenoate (7c,10c,13c,16c).....2% C 22:5 .....Methyl docosapentaenoate ( 7c,10c,13c,16c,19c).....4% C 22:6 .....Methyl docosahexaenoate ( 4c,7c,10c,13c,16c,19c) .....8%		

**Polyprenol quantitative mixtures**

LA 89-5150	Polyprenol mix C50-C70 Polyprenol mixture of plant origin			5 mg
	Decaprenol Undecaprenol	Dodecaprenol Tridecaprenol	Tetradecaprenol	
LA 89-5170	Polyprenol mix C70-C85 Polyprenol mixture of plant origin			5 mg
	Heptadecaprenol	Tetradecaprenol	Pentadecaprenol	Hexadecaprenol
LA 89-5190	Polyprenol mix C90-C120			5 mg
	Octadecaprenol Nonadecaprenol Eicosaprenol	Heneicosaprenol Docosaprenol Tricosaprenol	Tetracosaprenol Pentacosaprenol Hexacosaprenol	Heptacosaprenol Octacosaprenol
LA 89-5195	Polyprenol mix C90-C140			5 mg
	Octadecaprenol Nonadecaprenol	Eicosaprenol Heneicosaprenol	Docosaprenol Tricosaprenol	Tetracosaprenol

**Polar lipids mixture**

LA 90-0511	HC mixture 11 Equal weight %		100 mg
	C 10:0 .....Decane C 11:0 .....Undecane C 12:0 .....Dodecane C 13:0 .....Tridecane C 14:0 .....Tetradecane C 15:0 .....Pentadecane C 16:0 .....Hexadecane C 17:0 .....Heptadecane C 18:0 .....Octadecane C 19:0 .....Nonadecane C 20:0 .....Eicosane C 21:0 .....Heneicosane C 22:0 .....Docosane C 23:0 .....Tricosane C 24:0 .....Tetracosane		













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