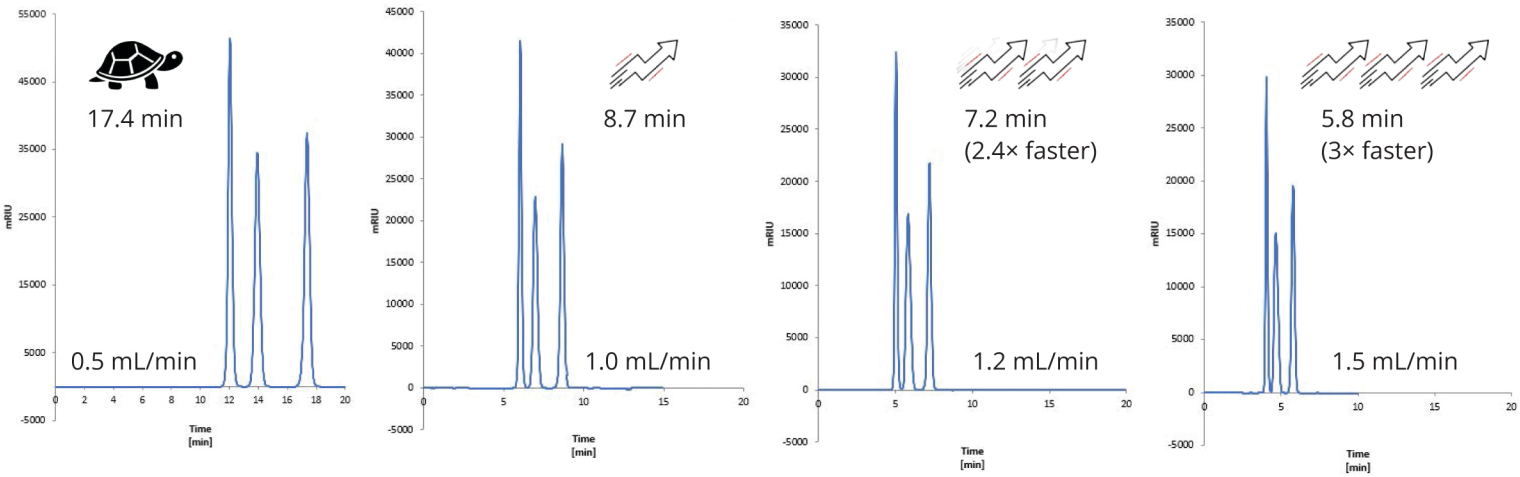
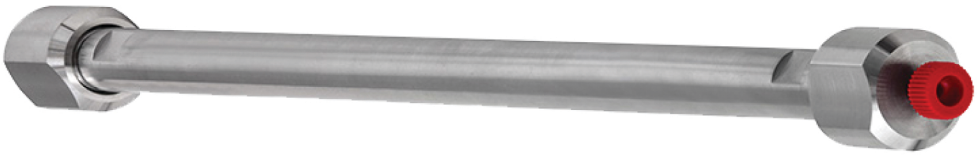
NEW ASTRA® SUGAR

Are ideal for analyzis of sacharides, sugar alcohols and oligosacharides. The new polymer stationary phase allows faster analyzis thanks to excellent particle shape and particle size distribution. Cross-linked sulfonated styrene-divinylbenzene (SDVB) is available in the form of Ca^{2+} particle size of 10 µm. The other ionic forms are under validation.

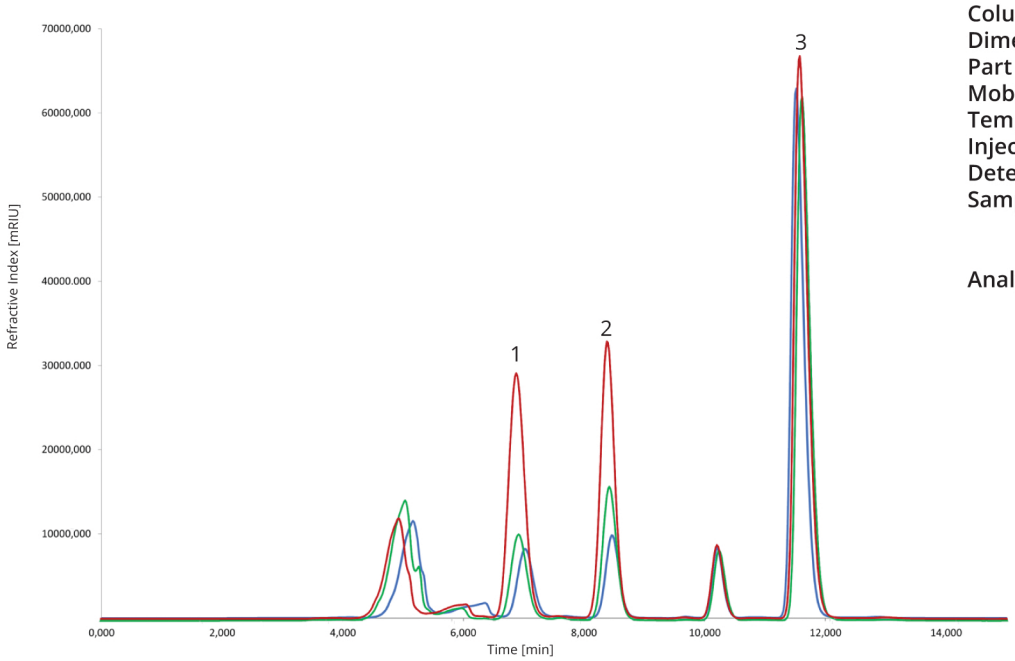
Phase	Particle size	Max. pressure	Max. flowrate	USP	p/n
ASTRA® Sugar Ca(S)	10 µm	60 bar	1.5 mL/min	L19	AST-5906-VN80

Analyze your sample fast, reliable and accurately with our Astra® Sugar !!!



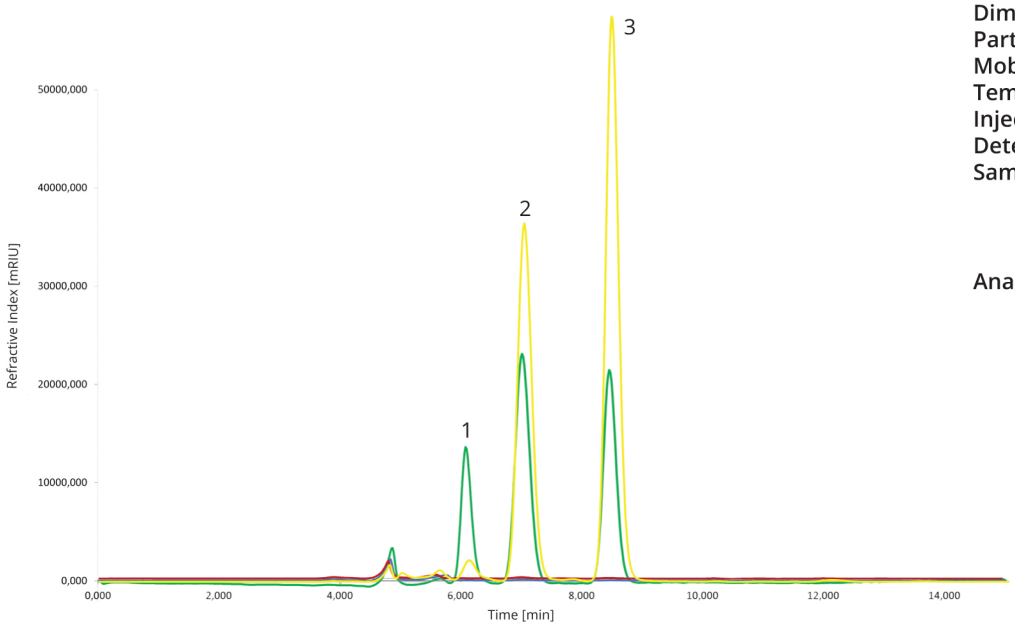


Sugar analysis in sparkling wines



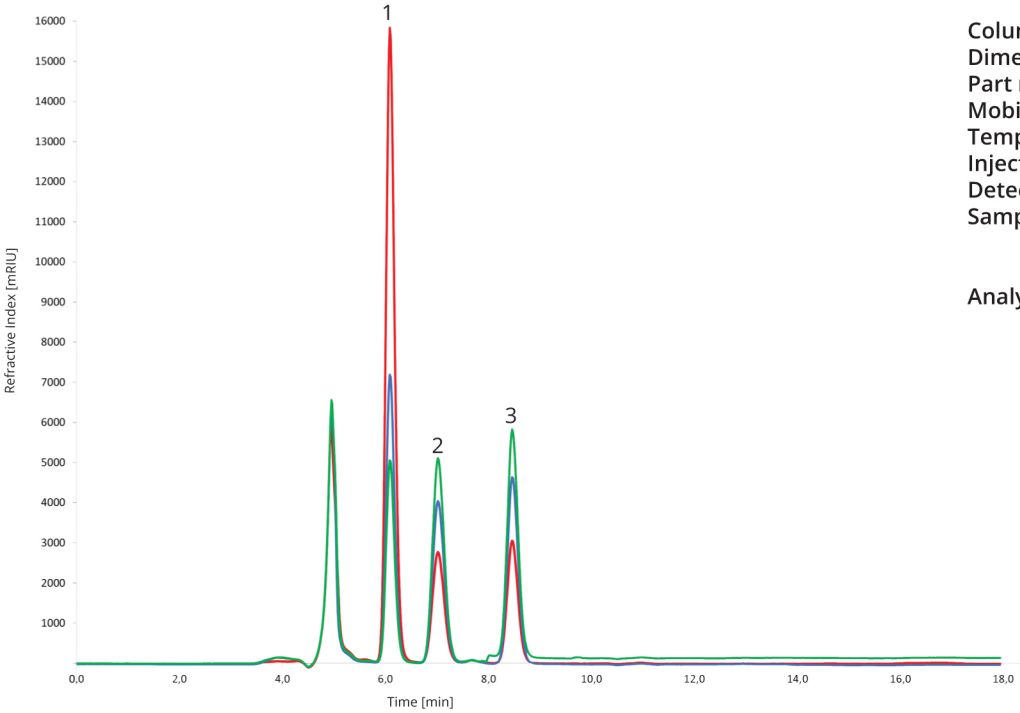
Column	**ASTRA® Sugar Ca (S)**, 10 µm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H_2O
Temperature	80 °C
Injection volume	3 µL
Detection	RID (55 °C)
Samples	**Bohemia Sekt DEMI** (11 % alc. v/v)
	Bohemia Sekt BRUT(11,5 % alc. v/v)
	Prosecco Canti Extra Dry(10,5 % alc. v/v)
Analytes	1. Glucose
	2. Fructose
	3. Ethanol

Sugar analysis in beverages (soda)



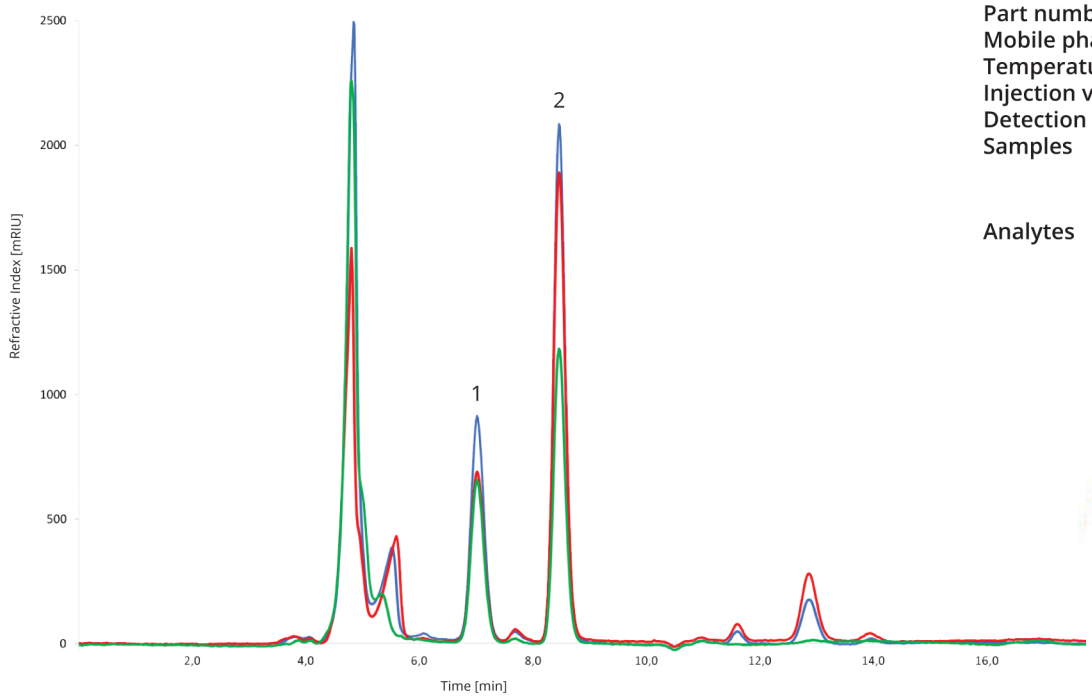
Column	**ASTRA® Sugar Ca (S)**, 10 µm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H_2O
Temperature	80 °C
Injection volume	3 µL
Detection	RID (55 °C)
Samples	**CocaCola**
	CocaCola Light
	CocaCola Zero
	Kofola
Analytes	1. Saccharose
	2. Glucose
	3. Fructose

Sugar analysis in ketchups



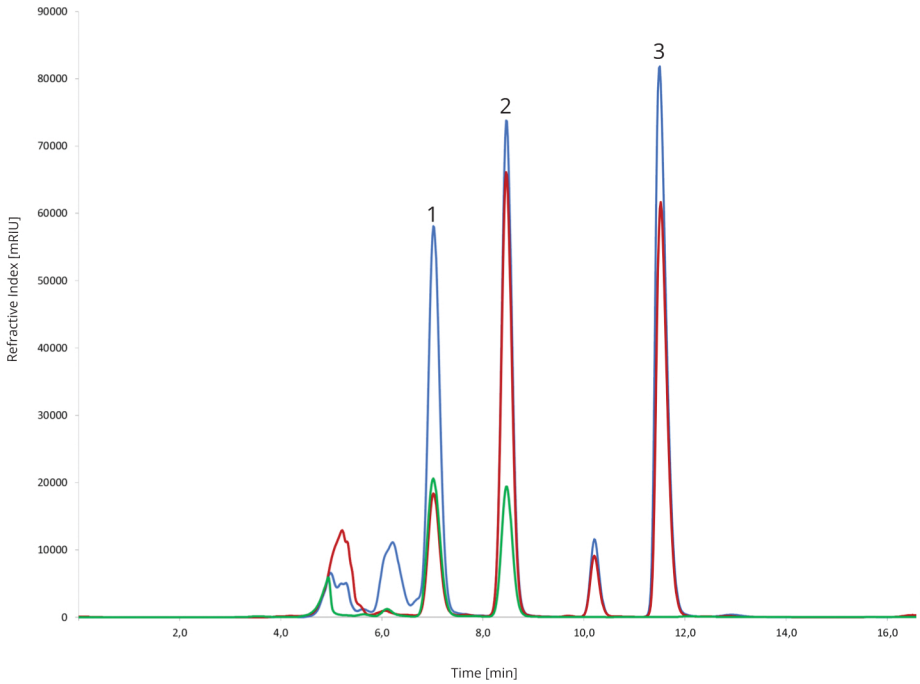
Column	ASTRA® Sugar Ca (S), 10 µm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H_2O
Temperature	80 °C
Injection volume	3 µL
Detection	RID (55 °C)
Samples	Ketchup Hellmanns sweet Ketchup Hamé sweet Ketchup Hamé hot
Analytes	1. Saccharose 2. Glucose 3. Fructose

Sugar analysis in tomatoes



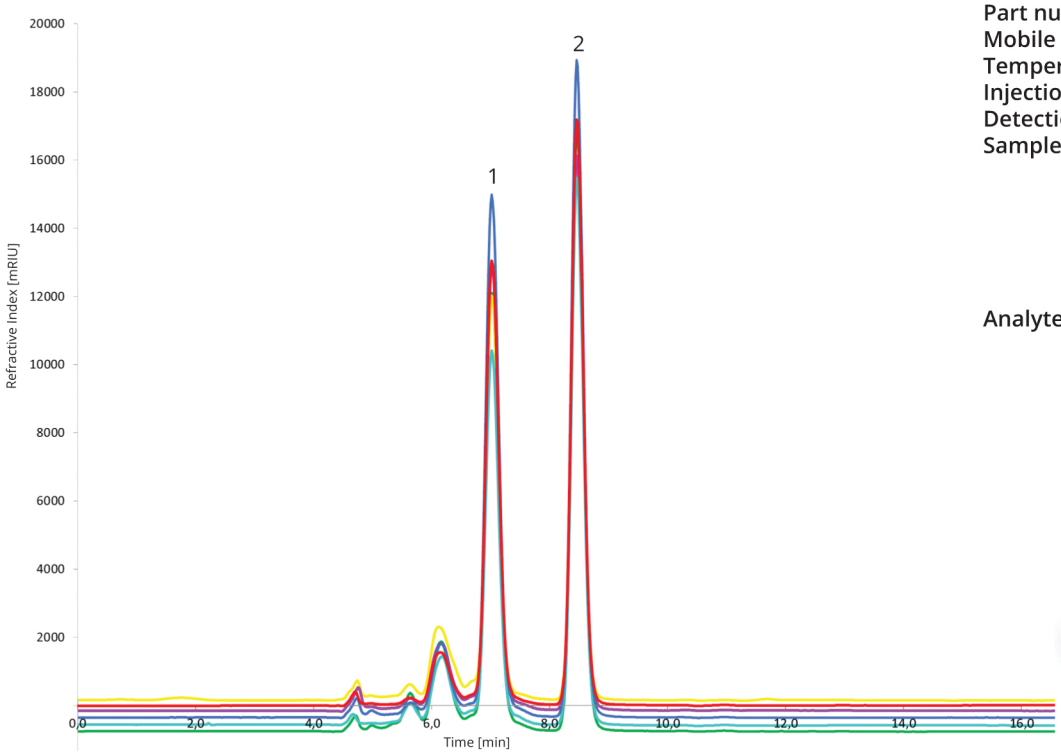
Column	ASTRA® Sugar Ca (S), 10 µm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H_2O
Temperature	80 °C
Injection volume	3 µL
Detection	RID (55 °C)
Samples	Tomatoes red large Tomatoes red small Tomatoes orange small
Analytes	1. Glucose 2. Fructose

Sugar analysis in beverages



Column	ASTRA® Sugar Ca (S), 10 µm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H_2O
Temperature	80 °C
Injection volume	3 µL
Detection	RID (55 °C)
Samples	Growler - partly-fermented wine Honey Wine Apple juice (concentrate)
Analytes	1. Glucose 2. Fructose 3. Ethanol

Sugar analysis in Honey



Column	ASTRA® Sugar Ca (S), 10 µm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H_2O
Temperature	80 °C
Injection volume	3 µL
Detection	RID (55 °C)
Samples	Honey forest Honey meadow Honey linden tree Honey Goldenrod Honey Amorpha fruticosa Honey Asclepias syriaca
Analytes	1. Glucose 2. Fructose