

CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

CPAchem Ltd.

2 Ivanka Terzieva 6065 Bogomilovo, Bulgaria

Fulfills the requirements of

ISO 17034:2016

In the field of

REFERENCE MATERIAL PRODUCER

This certificate is valid only when accompanied by a current scope of accreditation document. The current scope of accreditation can be verified at <u>www.anab.org</u>.



Jason Stine, Vice President Expiry Date: 17 January 2026 Certificate Number: AR-1835

This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016. This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer quality management system.



SCOPE OF ACCREDITATION TO ISO 17034:2016

CPAchem Ltd.

2 Ivanka Terzieva 6065 Bogomilovo, Bulgaria Krassimira Taralova Phone: 359(42) 607716

REFERENCE MATERIAL PRODUCER

Valid to: January 17, 2026

Certificate Number: AR-1835

Chemical

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Materials	Single and multi-component organic & inorganic materials in solution:	• ICP OES
	MetalsAnions	• ICP MS
	CationspH Standards	Ion Chromatography
	Conductivity StandardsVolumetric Solutions	• pH Meter
	AlcoholsCarbonyls and derivativesCarbamates	• Primary measurement method – Harned Cell
	Conazoles	Conductivity Meter
	Heterocyclic compoundsHydrocarbonsNitrogen containing organic	• Titrimetry
	compounds	• Gravimetry
	Organic acidsOrganochlorine pesticidesPhenols	• Karl Fischer Coulometric Titrator



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Chemical

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Materials	 Phenoxyacetates Phosphorus containing organic compounds Phthalates Polyaromatic Hydrocarbons (PAHs) Polybrominated/ Polychlorinated biphenyls (PBBs and PCBs) Pyrethroids Synthetic oils Triazines Total Acid Number (TAN) Total Base Number (TBN) Total organic carbon Potassium dichromate for UV/VIS Volatile organic compounds Water Content Turbidity Chemical Oxygen Demand (COD) Color Osmolality 	 HPLC/ HPLC-MS GC/MS Turbidimeter TOC Analyzer UV/VIS Osmometer
Certified Reference Materials	High Purity Inorganic Compounds: • Metals • Salts	 ICP OES ICP MS Ion Chromatography Karl Fischer Coulometric Titrator



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Chemical

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Materials	 High Purity Organic Compounds: Alcohols Carbonyls and derivatives Carbamates Conazoles Heterocyclic compounds Hydrocarbons Nitrogen containing organic compounds Organic acids Organochlorine pesticides Phenols Phenols Phenols containing organic compounds Phenols Phenols Phenols Phenols Phosphorus containing organic compounds Phythalates Polyaromatic Hydrocarbons (PAHs) Polybrominated/ Polychlorinated biphenyls (PBBs and PCBs) Pyrethroids Synthetic oils Triazines Volatile organic compounds 	 HPLC / HPLC-MS GC/MS Karl Fischer Coulometric Titrator







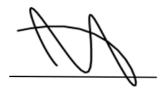
Physical Properties

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property- Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Materials	Solutions for determination of density: • Density	• Density Meter
Certified Reference Materials	Solutions for determination of physical properties of petroleum products: Cold Filter Plugging Point (CFPP) Pour Point Viscosity Distillation Flash Point Cloud Point	 Cold Filter Plugging Point (CFPP) analyzer Pour Point analyzer Viscometer Automatic distiller Flash Point analyzer Cloud Point analyzer

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm values, and other specific lot values. Some of this information may also be available on the RMP's website.

2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-1835.



Jason Stine, Vice President





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