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 www.anab.org.

Jason Stine, Vice President

Expiry Date: 17 January 2028

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

ISO 17034 Accreditation Granted: **15 January 2026**

Certificate Number: **AR-1835** Certificate Expiry Date: **17 January 2028**

Chemical 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	Single and multi-component organic & inorganic materials in solution: • Metals • Anions • Cations • pH Standards • Conductivity Standards • Volumetric Solutions • Alcohols • Carbonyls and derivatives • Carbamates • Conazoles • Heterocyclic compounds • Hydrocarbons • Nitrogen containing organic compounds • Organic acids • Organochlorine pesticides • Phenols • Phenoxyacetates	• ICP OES • ICP MS • Ion Chromatography • pH Meter • Primary measurement method – Harned Cell • Conductivity Meter • Titrimetry • Gravimetry • Karl Fischer Coulometric Titrator • HPLC/ HPLC-MS

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414-501-5494
www.anab.org

Chemical 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	• 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	• 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 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	High Purity Organic Compounds: • Alcohols • Carbonyls and derivatives • Carbamates • Conazoles • Heterocyclic compounds • Hydrocarbons • Nitrogen containing organic compounds • Organic acids • Organochlorine pesticides • Phenols • Phenoxyacetates • Phosphorus containing organic compounds • Phthalates • Polyaromatic Hydrocarbons (PAHs) • Polybrominated/ Polychlorinated biphenyls (PBBs and PCBs) • Pyrethroids • Synthetic oils • Triazines • Volatile organic compounds	• q-NMR • HPLC / HPLC-MS • GC/MS • Karl Fischer Coulometric Titrator

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Chemical 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 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
Certified Reference Materials	Metals in organic matrix	• ICP-OES

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

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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 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
Certified Reference Materials	Metals in organic matrix	• ICP-OES

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.

Jason Stine, Vice President

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