



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

CPAchem Ltd.

**Village Bogomilovo Municipality of Stara Zagora
Main Road, 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.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 17 January 2022

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.

Village Bogomilovo Municipality of Stara Zagora
Main Road, Bulgaria
Krassimira Taralova
Phone: 359(42) 607716

REFERENCE MATERIAL PRODUCER

Valid to: **January 17, 2022**

Certificate Number: **AR-1835**

Certified Reference Materials

Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used in the RMP Laboratory (if Appropriate)
Chemical	A1.6 A2.6 A3.1 A9.1 A9.3	Single and multi-component organic & inorganic materials in solution: <ul style="list-style-type: none"> Metals Anions Cations pH Standards Conductivity Standards Volumetric Solutions Alcohols Carbonyls and derivatives Carbamates Conazoles Heterocyclic compounds Hydrocarbons 	<ul style="list-style-type: none"> ICP OES ICP MS AA Ion Chromatography pH Meter Primary measurement method – Harned Cell Conductivity Meter Titrimetry Gravimetry



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		<ul style="list-style-type: none"> • 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 • Total organic carbon • Potassium dichromate for UV/VIS • Volatile organic compounds • Water Content • Turbidity • Chemical Oxygen Demand (COD) • Color • Osmolality 	<ul style="list-style-type: none"> • Karl Fischer Coulometric Titrator • HPLC/ HPLC-MS • GC/MS • Turbidimeter • TOC Analyzer • UV/VIS • Osmometer
		<p>High Purity Inorganic Compounds:</p> <ul style="list-style-type: none"> • Metals • Salts 	<ul style="list-style-type: none"> • ICP OES • ICP MS • AA

			<ul style="list-style-type: none"> • Ion Chromatography • Karl Fischer Coulometric Titrator
		<p>High Purity Organic Compounds:</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • HPLC / HPLC-MS • GC/MS • Karl Fischer Coulometric Titrator

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.



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