



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

CPAchem Ltd.
2 Ivanka Terzieva, 6065 Bogomilovo
Bulgaria

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

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 2024
Certificate Number: AT-1836



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CPAchem Ltd.

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

TESTING

Valid to: **January 17, 2024**

Certificate Number: **AT-1836**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Metals	In house method WQP 5.15.1.1	Analytical Reference Materials in Solution	ICP OES ICP MS
Metals	In house method WQP 5.15.1.10	Analytical Reference Materials in Solution, Wine and alcohol	AAS
Anions/ Cations	In house method WQP 5.15.1.8	Analytical Reference Materials in Solution	Ion Chromatography
pH	In house method WQP 5.15.1.5	Analytical Reference Materials in Solution, Wine and alcohol	pH meter
pH	In house method WQP 5.15.1.23	Analytical Reference Materials in Solution	Harned Cell
Conductivity	In house method WQP 5.15.1.4	Analytical Reference Materials in Solution	Conductivity Meter
Volumetric Solutions	In house methods WQP 5.15.1.11 WQP 5.15.1.12 WQP 5.15.1.13 WQP 5.15.1.14 WQP 5.15.1.15 WQP 5.15.1.16 WQP 5.15.1.17 WQP 5.15.1.18	Analytical Reference Materials in Solution	Titrimetry

Chemical


Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Water Content	In house method WQP 5.15.1.26	Analytical Reference Materials in Solution	Karl Fischer Coulometric Titrator
Total Organic Carbon	In house method WQP 5.15.1.30	Analytical Reference Materials in Solution	TOC Analyzer
Potassium dichromate	In house method WQP 5.15.1.31	Analytical Reference Materials in Solution	UV/VIS
Organic Compounds	In house methods WQP 5.15.1.2 WQP 5.15.1.19 WQP 5.15.1.20 WQP 5.15.1.21	Analytical Reference Materials in Solution High-purity Organic Substances	GC/MS HPLC/ HPLC-MS
Density and relative density at 20°C	In house method WQP 5.15.1.9 (4.1)	Wine and alcohol	Pycnometer
Alcohol content, % (w/V)	In house method WQP 5.15.1.9 (4.2)	Wine and alcohol	Pycnometer
Reducing sugars	In house method WQP 5.15.1.9 (4.3)	Wine and alcohol	Titrimetry
Total acidity	In house method WQP 5.15.1.9 (4.4)	Wine and alcohol	Titrimetry
Volatile acidity	In house method WQP 5.15.1.9 (4.5)	Wine and alcohol	Titrimetry
Sulfur Dioxide	In house method WQP 5.15.1.9 (4.6)	Wine and alcohol	Titrimetry
Total dry extract	In house method WQP 5.15.1.9 (4.11)	Wine and alcohol	Calculation
Turbidity	In house method WQP 5.15.1.29	Analytical Reference Materials in Solution	Turbidimeter
Chemical Oxygen Demand	In house method WQP 5.15.1.33	Analytical Reference Materials in Solution	Digestion Titrimetry
Chemical Oxygen Demand	In house method WQP 5.15.1.32	Analytical Reference Materials in Solution	Digestion UV/VIS
Color	In house method WQP 5.15.1.34	Analytical Reference Materials in Solution	ICP and UV/VIS
Osmolality	In house method WQP 5.15.1.35	Analytical Reference Materials in Solution	Osmometer
Density	In house method WQP 5.15.1.36	Analytical Reference Materials in Solution	Density meter

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cold Filter Plugging Point (CFPP)	In house method WQP 5.15.1.37	Petroleum Products	Cold Filter Plugging Point (CFPP) analyzer
Pour Point	In house method WQP 5.15.1.37	Petroleum Products	Pour Point analyzer
Viscosity	In house method WQP 5.15.1.37	Petroleum Products	Viscometer
Flash Point	In house method WQP 5.15.1.37	Petroleum Products	Flash Point analyzer
Distillation	In house method WQP 5.15.1.37	Petroleum Products	Automatic distiller
Cloud Point	In house method WQP 5.15.1.37	Petroleum Products	Cloud Point analyzer

Note:

This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1836.



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