



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.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 17 January 2026

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.
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Krassimira Taralova
Phone: 359(42) 607716

TESTING

Valid to: **January 17, 2026**

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 |
| 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 |
| 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 |

Chemical

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|---|---|--|---|
| 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 |
| 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 |

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|---|--|--|-----------------------------|
| 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 |
| Total Acid Number | In house method WQP5.15.1.38 | Analytical Reference Material in Solution | Titrimetry |
| Total Base Number | In house method WQP5.15.1.39 | Analytical Reference Material in Solution | Titrimetry |

Note:

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



Jason Stine, Vice President