



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CPACHEM LTD.  
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CHEMICAL

Valid To: May 31, 2026

Certificate Number: 7668.02

In recognition of the successful completion of the A2LA evaluation process that includes the management system requirements of ISO/IEC 17025:2017, accreditation is granted to this laboratory to perform the following tests on analytical reference materials in solution, high purity organic substances, wine and alcohol, petroleum products as they relate to reference materials:

Analyte(s)	Test Method	Test/Technology
Metals	In-house method WQP 5.15.1.1 WQP 5.15.1/40	ICP OES ICP MS
Anions/Cations	In-house method WQP 5.15.1.8	Ion Chromatography
pH	In-house method WQP 5.15.1.5 WQP 5.15.1.23	pH Meter Harned Cell
Conductivity	In-house method WQP 5.15.1.4	Conductivity Meter
Volumetric Solutions	In-house method 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	Titrimetry
Water Content	In-house method WQP 5.15.1.26	Karl Fischer Coulometric Titrator
Total Organic Carbon	In-house method WQP 5.15.1.30	TOC Analyzer
Potassium dichromate	In-house method WQP 5.15.1.31	UV/VIS
Organic Compounds	In-house method WQP 5.15.1.2 WQP 5.15.1.19 WQP 5.15.1.20 WQP 5.15.1.21	GC/MS HPLC/HPLC-MS
Density and Relative Density at 20°C	In-house method WQP 5.15.1.9 (4.1)	Pycnometer

<b>Analyte(s)</b>	<b>Test Method</b>	<b>Test/Technology</b>
Alcohol content % (w/V)	In-house method WQP 5.15.1.9 (4.2)	Pycnometer
Reducing sugars	In-house method WQP 5.15.1.9 (4.3)	Titrimetry
Total acidity	In-house method WQP 5.15.1.9 (4.4)	Titrimetry
Volatile acidity	In-house method WQP 5.15.1.9 (4.5)	Titrimetry
Sulfur Dioxide	In-house method WQP 5.15.1.9 (4.6)	Titrimetry
Total dry extract	In-house method WQP 5.15.1.9 (4.11)	Calculation
Turbidity	In-house method WQP 5.15.1.29	Turbidimeter
Chemical Oxygen Demand	In-house method WQP 5.15.1.32 WQP 5.15.1.33	Digestion Titrimetry Digestion UV/VIS
Color	In-house method WQP 5.15.1.34	ICP and UV/VIS
Osmolality	In-house method WQP 5.15.1.35	Osmometer
Density	In-house method WQP 5.15.1.36	Density meter
Cold Filter Plugging Point (CFPP)	In-house method WQP 5.15.1.37	Cold Filter Plugging Point (CFPP) analyzer
Pour Point	In-house method WQP 5.15.1.37	Pour Point analyzer
Viscosity	In-house method WQP 5.15.1.37	Viscometer
Flash Point	In-house method WQP 5.15.1.37	Flash point analyzer
Distillation	In-house method WQP 5.15.1.37	Automatic distiller
Cloud Point	In-house method WQP 5.15.1.37	Cloud Point analyzer
Total Acid Number	In-house method WQP 5.15.1.38	Titrimetry
Total Base Number	In-house method WQP 5.15.1.39	Titrimetry



# Accredited Laboratory

A2LA has accredited

**CPACHEM LTD**

*Bogomilovo, BULGARIA*

for technical competence in the field of

**Chemical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the Chemical field. 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).



Presented this 18<sup>th</sup> day of December 2025.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 7668.02  
Valid to May 31, 2026

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*