



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ADVANCED ANALYTICAL SOLUTIONS, LLC
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Parkersburg, WV 26101
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CHEMICAL

Valid To: July 31, 2024

Certificate Number: 2952.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests using the testing technologies indicated and in the analyte categories identified below in support of proficiency testing, reference material and certified reference material production activities:

Test Type/Technology:	Test Method:
Acidity	SM 2310 B 22nd ED (Mod)
Ammonia as N	SM 4500-NH ₃ D 20 th ED
Anions	EPA 300.0
Chemical Oxygen Demand (COD)	HACH 8000 3 rd ED
Color	HACH 8025 3 rd ED
Dissolved Oxygen	SM 4500-O H
Fluoride	SM 4500-F C 22 nd ED
Hexavalent Chromium	HACH 8023 3 rd ED
Mercury	EPA 245.1
Metals (ICP-MS)	EPA 200.8
Oil & Grease/HEM	EPA 1664 Revision A (1999)
pH	SM 4500-H + B 22 nd ED
Phenolics (simple)	HACH 8047 3 rd ED
Settleable Solids	SM 2540 F 22 nd ED
Specific Conductance	SM 2510 B 22 nd ED
Sulfide	Hach 8131 3 rd ED
Total Alkalinity	SM 2320 B 22 nd ED (Mod)
Total and Free Cyanide	HACH 8027 3 rd ED
Total and Free Residual Chlorine	HACH 8167 3 rd ED/ HACH 8021 3 rd ED
Total Solids, Total Suspended Solids, Total Dissolved Solids	SM 2540 B&D 22 nd ED
Total Kjeldahl Nitrogen (TKN)	HACH 8075 3 rd ED
Total Organic Carbon (TOC)	SM 3510 B 18 th ED
Total Petroleum Hydrocarbon	HACH 10050 3 rd ED
Turbidity	SM 2130 B 22 nd ED
UV 254	HACH 10054 3 rd ED
Volatile Solids	SM 2540 E 22 nd ED

BIOLOGY

Test Type/Technology:	Test Method:
Coliforms/Colilert/Colilert-18/Colitag	SM 9223 B 22nd Ed
Enterococci/Enterolert	SM 9230 D 22nd Ed
HPC	SM 9215 E 22nd Ed





Accredited Laboratory

A2LA has accredited

ADVANCED ANALYTICAL SOLUTIONS, LLC

Parkersburg, WV

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 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 5th day of October 2023.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2952.02
Valid to July 31, 2024

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