



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WATER AUTHORITY- CAYMAN
 13 G Red Gate Road, PO Box 1104, GT
 Grand Cayman, Cayman Islands, BWI
 Marcela Martinez-Ebanks Phone: 345 949 2837

ENVIRONMENTAL

Valid To: November 30, 2021

Certificate Number: 1931.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the 2009 TNI Standard), accreditation is granted to this laboratory to perform recognized Standard Methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

Colorimetry, Microbiology, Spectrophotometry (Visible), Electronic Probes (pH, O₂), Oxygen Demand

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-potable Water</u>
<u>Demands</u>		
BOD	-----	SM 5210-01 B
COD	-----	SM 5220-97 D
<u>Wet Chemistry</u>		
Chlorine Free	SM 4500Cl-00 G	SM 4500Cl-00 G
Chlorine Total	SM 4500Cl-00 G	SM 4500Cl-00 G
Conductivity	SM 2510-97 B	SM 2510-97 B
pH	SM 4500H ⁺ -00 B	SM 4500H ⁺ -00 B
Sulfide	SM 4500S ²⁻ -00 D	SM 4500S ²⁻ -00 D
Total Dissolved Solids	SM 2540-97 C	SM 2540-97 C
Total Suspended Solids	-----	SM 2540-97 D
<u>Microbiology</u>		
Enterococci	-----	SM 9230-07 C, SM 9230-07 D Enterolert
<i>Escherichia coli</i> Confirmation	SM 9222-97 G	SM 9222-97 G
<i>E. coli</i> /Total Coliform with Coli-18	SM 9223-04 B Coli-18	SM 9223-04 B Coli-18
Fecal Coliform (MF)	SM 9222-06 D	SM 9222-06 D
Heterotrophic Plate Count	SM 9215-04 D	SM 9215-04 D
Total Coliform (MF)	SM 9222-97 B	SM 9222-97 B

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-potable Water</u>
<u>Photometric</u>		
Aluminum	SM 3500Al-01 B	-----
Ammonia	-----	SM 4500-NH4-88 C
Boron	SM 4500B-00 C	-----
Copper	HACH 8506	-----
Iron	SM 3500Fe-97 B	-----
Lead	SM 3130-04 B	-----
Nitrate	-----	SM 4500NO3-00 E
Nitrate-Nitrite	-----	SM 4500NO3-00 E
Nitrite	-----	SM 4500NO2-00 B
Nitrogen, Total	-----	SM 4500N-97 C
Phosphorus, Reactive	-----	SM 4500P-99 C SM 4500P-99 E
Phosphorus, Total	-----	SM 4500P-99 B&C SM 4500P-99 B&E
Silica	-----	SM 4500-SiO ₂ C
Zinc	SM 3500Zn-17 B	

<u>Parameter/Analyte</u>	<u>Air</u>
Hydrogen Sulfide in Air	ENG-001





Accredited Laboratory

A2LA has accredited

WATER AUTHORITY- CAYMAN

Grand Cayman, CAYMAN ISLANDS

for technical competence in the field of

Environmental 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 A2LA R206 - *Specific Requirements - Environmental Testing Laboratory Accreditation Program*. 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 7th day of November 2019.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1931.01
Valid to November 30, 2021

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