



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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, 2019

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 5210B
COD	-----	SM 5220D
<u>Wet Chemistry</u>		
Chlorine Free	SM 4500-C1 G	SM 4500-C1 G
Chlorine Total	SM 4500-C1 G	SM 4500-C1 G
Conductivity	SM 2510B	SM 2510B
pH	SM 4500-H ⁺ B	SM 4500-H ⁺ B
Sulfide	SM 4500-S ²	SM 4500-S ²
Total Dissolved Solids	SM 2540C	SM 2540C
Total Suspended Solids	-----	SM 2540D
<u>Microbiology</u>		
Enterococci	-----	SM 9230C Enterolert
<i>Escherichia coli</i> Confirmation	SM 9222G	SM 9222G
<i>E. coli</i> /Total Coliform with Coli-18	SM 9223B	SM 9223B
Fecal Coliform (MF)	SM 9222D	SM 9222D
Heterotrophic Plate Count	SM 9215D	SM 9215D
Total Coliform (MF)	SM 9222B	SM 9222B

Parameter/Analyte	Potable Water	Non-potable Water
Photometric		
Ammonia	-----	SM 4500-NH ₄ C (1988)
Nitrate	-----	SM 4500-NO ₃ E
Nitrate-Nitrite	-----	SM 4500-NO ₃ E
Nitrite	-----	SM 4500-NO ₂ B
Nitrogen, Total	-----	SM 4500-N C
Phosphorus, Reactive	-----	SM 4500-P C SM 4500-P E
Phosphorus, Total	-----	SM 4500-P B&C SM 4500-P B&E
Silica	-----	SM 4500-SiO ₂ C





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 17025:2005 *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 8 January 2009).



Presented this 7th day of November 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1931.01
Valid to November 30, 2019

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