



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

QATAR UNIVERSITY

The Office of Vice President for Research & Graduate Studies
 Environmental Sciences Center (ESC), Gas Processing Center (GPC)
 Center for Advanced Material (CAM) & Central Laboratories Unit (CLU)
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CHEMICAL

Valid To: June 30, 2018

Certificate Number: 2924.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metallic, solid state, water, soil and sediment samples:

| Test Description | <u>Test Method(s)</u> |
|--|------------------------------|
| Analysis of Minerals and Trace Metals in Soil and Sea Sediment Using ICP-OES | US EPA 200.7, 3051, 6010B |
| Analysis of Minerals and Trace Metals in Water Using ICP-MS | US EPA 200.8 |
| Quantitative Analysis by EDS | ASTM E1508 |
| Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in Soil and Sediment Samples by GC/MS | US EPA 8275A |
| Determination of Diesel Range Organics (DROs) in Soil and Sediment Samples by GC/FID | US EPA 8015 |
| Determination of Chloride and Fluoride Ions in Water by Ion Chromatography | US EPA 300.1, Method A |
| Analysis of Density of Liquids by Digital Density Meter | ASTM D4052 |
| Analysis of Viscosity of Liquids by Stabinger Viscometer | ASTM D7042 |
| Determination of Total Organic Carbon (TOC) and Total Bound Nitrogen in Water by Using Multi N/C 2100S (TOC/TN Analyzer) | US EPA Method 415.1 |

Test Description**Test Method(s)**

Determination of Total Mercury in Water by Using Automatic Mercury Analyzer AULA-254 ASD

US EPA Method 245.1

Determination of Silicate Using EasyChem Plus Analyzer (Colorimetric, Automated Molybdate)

US EPA Method 370.1

Determination of Ortho-Phosphate Using EasyChem Plus Analyzer (Colorimetric, Automated Ascorbic Acid)

US EPA Method 365.1

Determination of Nitrate-Nitrogen Using EasyChem Plus Analyzer (Colorimetric, Automated Cadmium Reduction)

US EPA Method 353.2

Determination of Ammonia-Nitrogen Using EasyChem Plus Analyzer (Colorimetric, Automated Phenate)

US EPA Method 349.0

Determination of Nitrite-Nitrogen Using EasyChem Plus Analyzer (Colorimetric, Automated, SAA-NED)

US EPA Method 354.1

Determination of Sodium & Potassium in Water by Ion Chromatography

ASTM D6919



Accredited Laboratory

A2LA has accredited

QATAR UNIVERSITY

Doha, Qatar

for technical competence in the field of

Chemical 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 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 21st day of July 2016.

A handwritten signature in blue ink, reading "Jim C. Bunt".

Senior Director of Quality and Communications
For the Accreditation Council
Certificate Number 2924.01
Valid to June 30, 2018

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