



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AL BARAHA TECHNICAL LABORATORIES  
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CHEMICAL

Valid To: December 31, 2026

Certificate Number: 4881.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for:

Test Method:	Test Description:
<b>Aggregate:</b>	
ASTM C40/C40M	Organic Impurities in Fine Aggregates for Concrete
ASTM C494/C494M	Chemical Admixtures for Concrete
ASTM D891	Specific Gravity, Apparent, of Liquid Industrial Chemicals
BS 812 Part 117 Appendix C	Testing aggregates. Method for determination of acid-soluble chloride salts
BS 812 Part 118 Clause 6	Testing aggregates. Methods for determination of Sulfate content
BS EN 1744-1+A1 Clause 12	Tests for chemical properties of aggregates. Chemical analysis Determination of Acid Soluble Sulfate in Aggregates
BS EN 1744-5	Tests for chemical properties of aggregates. Determination of acid soluble chloride salts
<b>Cement:</b>	
BS EN 196 Part 2, Clause 4.4.1	Method of testing cement: Part 2: Chemical analysis of cement - Loss on ignition
BS EN 196 Part 2, Clause 4.4.3	Method of testing cement: Part 2: Chemical analysis of cement - Insoluble residue
BS EN 196 Part 2, Clause 4.5.5	Method of testing cement: Part 2: Chemical analysis of cement - Impure silica
BS EN 196 Part 2, Clause 4.5.6	Method of testing cement: Part 2: Chemical analysis of cement - Pure silica
BS EN 196 Part 2, Clause 4.5.14	Method of testing cement Part 2: Chemical analysis of cement - Calcium Oxide
BS EN 196 Part 2, Clause 4.5.11	Method of testing cement Part 2: Chemical analysis of cement - Aluminum Oxide
BS EN 196 Part 2, Clause 4.5.10	Method of testing cement Part 2: Chemical analysis of cement - Iron Oxide
BS EN 196 Part 2, Clause 4.5.15	Method of testing cement Part 2: Chemical analysis of cement - Magnesium oxide
BS 1881 Part 124, Clause 12.2	Testing concrete Part 124: Methods for analysis of hardened concrete (Determination of Sulphate content in hardened concrete)
BS 1881 Part 124, Clause 12.1	Testing concrete Part 124: Methods for analysis of hardened concrete (Determination of Chloride content in hardened concrete)

(A2LA Cert. No. 4881.02) 12/30/2024

Page 1 of 2

<b>Test Method:</b>	<b>Test Description:</b>
BS EN 196 Part 2 4.4.2	Method of testing cement Part 2: Chemical analysis of cement - Sulphate
BS EN 196 Part 2 4.5.16	Method of testing cement Part 2: Chemical analysis of cement - Chloride
<b>Soil:</b>	
BS 1377 Part 3, Clause 5.2:1990	Methods of test for soils for civil engineering purposes. Chemical and electro-chemical tests (Determination of acid soluble sulfate content)
BS 1377 Part 3, Clause 9.3	Methods of test for soils for civil engineering purposes. Chemical and electro-chemical tests (Determination of acid soluble chloride content)
BS 1377 Part 3, Clause 12	Methods of test for soils for civil engineering purposes. Chemical and electro-chemical tests (pH value)
BS 1377 Part 3, Clause 4.0	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests: Determination of the organic matter content Clause 3
BS 1377 Part 3, Clause 8.3	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests Determination of Carbonate Content
BS 1377 Part 3, Clause 9.2	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests Determination of Water Soluble Chloride Content of Soil
BS 1377 Part 3, Clause 5.3/5.5:1990	Methods of test for soils for civil engineering purposes. Part 3: Chemical and electro-chemical tests (Determination of the sulphate content of soil and ground water) Determination of Water Soluble Sulphate Content of Soil
BS EN 933-9	Assessment of fines-methylene blue test
<b>Admixtures:</b>	
BS EN 480 Part 10 Clause 4	Admixtures for concrete, mortar and grout. Test methods. Reference concrete and reference mortar for testing Chloride Content of Admixture



# Accredited Laboratory

A2LA has accredited

## AL BARAHA TECHNICAL LABORATORIES

*Doha, Qatar*

for technical competence in the field of

### Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 30<sup>th</sup> day of December 2024.

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 4881.02  
Valid to December 31, 2026

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