

# Certificate of Accreditation

مختبرات بينونة - شركة الشخص الواحد ذ م م (NAL 082)  
مصنف - أبوظبي، الإمارات العربية المتحدة  
حاصل على الإعتماد في الفحوصات المذكورة في وثيقة المجال المرفقة وفقاً للمواصفة الدولية ISO/IEC 17025

**Baynunah Laboratories - Sole Proprietorship L.L.C (NAL 082)**

Mussafah – Abu Dhabi, UAE

Accredited according to the ISO/IEC 17025 Standard to undertake tests as specified in the attached Accreditation Scope



Accredited on	2021/01/29	تاريخ منح الإعتماد
Expires on	2024/01/28	تاريخ الإنتهاء

Accreditation in accordance to the ISO/IEC 17025:2017 Standard "General requirements for the competence of testing and calibration laboratories" and the relevant ENAS and ILAC requirements.

This certificate is invalid without the attached scope of accreditation, which subjected to annual surveillances as per ENAS procedure. Certificate can be updated or re-issued until the expiry date defined above. The validity of the certificate is subjected to continuous compliance with the requirements of the accreditation system. The lab is responsible for the results of its testing.

Initial Accreditation Date: 25/01/2015

ACF 11-21; Rev 3;

1 وفقاً لمتطلبات المواصفة الدولية ISO/IEC 17025:2017 "المتطلبات العامة لكفاءة مختبرات الفحص والمعايرة" والمتطلبات ذات العلاقة الخاصة بنظام الإعتماد الوطني الإماراتي ENAS والمنظمة الدولية لاعتماد المختبرات ILAC.

مجال الاعتماد جزء أساسي من هذه الشهادة حيث تخضع مجالات الاعتماد المذكورة في الوثيقة المرفقة لعمليات متابعة لاحقة من قبل نظام الإعتماد الوطني الإماراتي ENAS. وتعتبر هذه الشهادة صالحة وقابلة للتحديث وإعادة الاصدار حتى تاريخ الانتهاء المدون اعلاه شريطة استمرار المختبر المذكور اعلاه في تطبيق متطلبات نظام الاعتماد سالفة الذكر. يتحمل المختبر مسؤولية نتائج الفحص الصادرة عنه.

تاريخ منح الإعتماد لأول مرة: 2015/01/25

ص.ب. P.O.BOX 2166 - أبوظبي، الإمارات العربية المتحدة ABU DHABI, UNITED ARAB EMIRATES

ص.ب. P.O.BOX 48666 - دبي، الإمارات العربية المتحدة DUBAI, UNITED ARAB EMIRATES

مركز الإتصال 600 565554 CALL CENTER

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# Accreditation Scope

**Baynunah Laboratories – Sole Proprietorship L.L.C, NAL 082**  
**Testing Laboratory, (ISO/IEC 17025:2017)**

**Mussafah, Abu Dhabi, UAE**

**Issue Date: 29-01-2021**

**Expiry Date: 28-01-2024**

**Issue No: 05**

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Geotechnical	Soil Investigation	Geotechnical investigation and testing — Field Testing Standard penetration test (SPT)	BS EN ISO 22476-3:2005+A1:2011	S
		Soil and Rock Sampling	BS 5930:2015, Section 4, Cl. 25	P/S
		Description of Soils	BS 5930:2015, Section 6, Cl. 33	P/S
		Description of Rocks	BS 5930:2015, Section 6, Cl. 36	P/S
	Soil	Determination of Particle Size Analysis of soil	ASTM D 422-63 (Reapproved-2007)	P
		Determination of Particle Size Analysis of soil (by Hydrometer Method)	ASTM D 422-63 (Reapproved-2007)	
		Determination of the Liquid Limit (LL), Plastic Limit (LP) & Plasticity Index (PI) of Soil	BS 1377-2:1990, Cl. 4.3 & 5, AMD 9027 :1996 BS EN ISO 17892-12:2018, CL. 5.3, CL. 5.5 & CL. 6.5	
		Determination of Water content of soil by mass	BS 1377-2:1990, Cl.3, AMD 9027:1996 BS EN ISO 17892-1:2014	
	Soil Investigation	Rock Quality Designation (RQD) and Rock Core Recovery (RCR)	BS 5930:2015, Section 6, Cl. 36.4	P/S
		Ground Water Level Measurement	BS 5930:2015, Section 4, Cl. 26.2-26.5	S
		Ground Water Sampling	BS 5930:2015, Section 4, Cl. 26.4	S

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Geotechnical	Rock	Unconfined Compression Strength of Intact Rock Core Specimens Test	ASTM D 7012:2014 e1 (Method C)	P
		Preparing rock core and verifying conformance to dimensional and shape tolerances	ASTM D 4543:2019	
		Determination of Water content of soil & rock by mass	ASTM D 2216:2019	
Chemical	Soil	pH Value of Soil	BS 1377-3:2018, Cl.12	P
		Acid Soluble Chloride Content of Soil	BS 1377-3:2018, Cl. 9.3	
		Water Soluble Chloride Content of Soil	BS 1377-3:2018, Cl. 9.2	
		Acid Soluble Sulphate Content of Soil	BS 1377-3:2018, Cl. 7.2, 7.6, 7.9	
	Water Soluble Sulphate Content of Soil	BS 1377-3:2018, Cl. 7.2, 7.3, 7.6		
	Ground Water	Determination of pH Value of Groundwater	BS 1377-3:2018, Cl.12	P
Determination of Chloride Content of Ground Water		BS 1377-3:2018, Cl. 9.2		
Determination of Sulphate Content of Ground Water		BS 1377-3:2018, Cl. 7.2, 7.6, 7.8		
Geotechnical	Ground Investigation	Reporting	BS 5930:2015, Section 10, Cl. 63	P

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Physical	Soil	Determination of In-Place Density Test by Sand Replacement Method Suitable for Fine & Medium Grained Soils (Small & Large Pouring Cylinder)	BS 1377-9:1990, CL 2.1 & CL 2.2 AMD 8264:1995	S/P
		Determination of California Bearing Ratio (CBR)	BS 1377-4:1990, Cl.7, AMD 13925: 2002	P
		Determination of Dry Density / Moisture Content Relationship Using 4.5 kg Rammer for Course & Medium Gravel Size Particles	BS 1377-4:1990, Cl. 3.5 & 3.6 AMD 13925:2002	
	Concrete	Testing hardened concrete. Shape, dimensions and other requirements for specimens and molds	BS EN 12390-1:2012	P
		Making Curing Specimens for Strength Tests	BS EN 12390-2:2019	
		Determination of Compressive Strength of Concrete Cube	BS EN 12390-3:2019	
		Density of Concrete Cubes (Volume of Calculation)	BS EN 12390-7:2019	
	<b>END</b>			