



## شهادة تفويض Designation Certificate

Name of the CAB

مختبر المبتكر  
Almubtakar Laboratory

اسم الجهة

CAB identification number

D-LAB-028

الرقم التعريفي للجهة

Initial designation date

17<sup>th</sup> Jun. 2024

تاريخ التفويض الأول

Current designation date:

17<sup>th</sup> Jun. 2024

تاريخ التفويض الحالي

Designation expiry date

16<sup>th</sup> Jun. 2027

تاريخ انتهاء التفويض

Address

Musaffah 14, Abu Dhabi, UAE

العنوان

Designation scopes

See appendix (A)

مجال التفويض

Dr. Helal Al Kaabi  
Secretary General



- This certificate is invalid without the scope of designation published on QCC website.
- Designated CAB shall maintain the compliance to designation requirements during the designation period.
- This is an electronic certificate and does not require stamp.
- Visit our website to verify this certificate: [www.qcc.gov.ae](http://www.qcc.gov.ae)
- Any changes or modification on this certificate will affect its validity.

- هذه الشهادة غير صالحة بدون مجال التفويض المنشور على موقع المجلس.
- يجب على الجهة المعينة استمرارية تحقيق متطلبات التفويض خلال فترة التفويض.
- هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم
- للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: [www.qcc.gov.ae](http://www.qcc.gov.ae)
- أي كشط أو تغيير في هذه الشهادة يلغيها

Scope of Designation

<b>Name of the CAB</b>	مختبر المبتكر Almubtakar Laboratory		<b>اسم الجهة</b>
<b>CAB Identification number</b>	D-LAB-028		<b>الرقم التعريفي للجهة</b>
<b>Initial designation date</b>	17 <sup>th</sup> Jun. 2024		<b>تاريخ التفويض الأول</b>
<b>Current designation date</b>	17 <sup>th</sup> Jun. 2024		<b>تاريخ التفويض الحالي</b>
<b>Designation expiry date</b>	16 <sup>th</sup> Jun. 2027		<b>تاريخ انتهاء التفويض</b>
<b>Address</b>			<b>Contact person</b>
<b>Country</b>	United Arab Emirates		<b>Name</b> Jaber Rashed Saeed Mohamed Almazrouel
<b>Emirate</b>	Abu Dhabi		<b>Position</b> General Manager
<b>City/Area/Street/bu</b>	Musaffah 14, Abu Dhabi		<b>Tel.</b> 050 4466044
<b>Mall address</b>	P.O. Box: 206, Abu Dhabi		<b>Email (1)</b> info@almubtakar.com
<b>Tel.</b>	971(0)2 882 2040		<b>Email (2)</b> qa@almubtakar.com
<b>Google map location</b>	<a href="https://maps.google.com/maps/dir//Almubtakar+Laboratory+Musaffah+M-14+Abu+Dhabi+United+Arab+Emirates/@24.37601754,4953427.10z/data=!4m5!4m4!1m0!1m2!1m1">https://maps.google.com/maps/dir//Almubtakar+Laboratory+Musaffah+M-14+Abu+Dhabi+United+Arab+Emirates/@24.37601754,4953427.10z/data=!4m5!4m4!1m0!1m2!1m1</a>		<b>Website</b> www.almubtakar.com

Lab Test #	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. In Accred. Cert.
1	Environmental Testing	Chemical	Sea Water		pH		APHA 4500 H+ B, 23rd edition 2017	1 to 14 pH units	P	ENAS	1
2	Environmental Testing	Chemical	Sea Water		Conductivity		APHA 2510B, 23rd edition 2017	>1µS/Cm	P	ENAS	2
3	Environmental Testing	Chemical	Sea Water		Turbidity		APHA 2130B, 23rd edition 2017	>0.05 NTU	P	ENAS	3
4	Environmental Testing	Chemical	Sea Water		Total Dissolved Solids (TDS)		APHA 2540C, 23rd edition 2017	>1 mg/L	P	ENAS	4
5	Environmental Testing	Chemical	Sea Water		Total Suspended Solids (TSS)		APHA 2540D, 23rd edition 2017	>1 mg/L	P	ENAS	5
6	Environmental Testing	Chemical	Sea Water		Alkalinity mg CaCO3/L		APHA 2320B, 23rd edition 2017	>2 mg/L	P	ENAS	6
7	Environmental Testing	Chemical	Sea Water		Carbonate Alkalinity as CaCO3		APHA 2320B, 23rd edition 2017	>2 mg/L	P	ENAS	7
8	Environmental Testing	Chemical	Sea Water		Bicarbonate alkalinity as CaCO3		APHA 2320B, 23rd edition 2017	>2 mg/L	P	ENAS	8
9	Environmental Testing	Chemical	Sea Water		Hardness by Calculation (mg equivalent CaCO3/L)		APHA 2340B, 23rd edition 2017	>2 mg/L	P	ENAS	9
10	Environmental Testing	Chemical	Sea Water		Calcium hardness as CaCO3 as CaCO3/L		M-SOP-27 Issue 01 Version 01 Rev 0 dated 12/11/2019	>2 mg/L	P	ENAS	10
11	Environmental Testing	Chemical	Sea Water		Calcium (Ca)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.03 mg/L	P	ENAS	11
12	Environmental Testing	Chemical	Sea Water		Magnesium (Mg)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.003 mg/L	P	ENAS	12

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13	Environmental Testing	Chemical	Sea Water		Iron (Fe)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.002 mg/L	P	ENAS	13
14	Environmental Testing	Chemical	Sea Water		Sodium (Na)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.4 mg/L	P	ENAS	14
15	Environmental Testing	Chemical	Sea Water		Potassium (K)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.1mg/L	P	ENAS	15
16	Environmental Testing	Chemical	Sea Water		Chromium (Cr)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.003 mg/L	P	ENAS	16
17	Environmental Testing	Chemical	Sea Water		Cadmium (Cd)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.002 mg/L	P	ENAS	17
18	Environmental Testing	Chemical	Sea Water		Nickel (Ni)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.002 mg/L	P	ENAS	18
19	Environmental Testing	Chemical	Sea Water		Zinc (Zn)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.004 mg/L	P	ENAS	19
20	Environmental Testing	Chemical	Sea Water		Lead (Pb)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.004 mg/L	P	ENAS	20
21	Environmental Testing	Chemical	Sea Water		Copper (Cu)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.002 mg/L	P	ENAS	21
22	Environmental Testing	Chemical	Sea Water		Manganese (Mn)		APHA 3120B (Analysis), 23rd edition 2017 APHA 3030E (Digestion), 23rd edition 2017	>0.002 mg/L	P	ENAS	22
23	Environmental Testing	Chemical	Sea Water		Chloride		APHA 4500C1 B, 23rd edition 2017	>0.1mg/L	P	ENAS	23
24	Environmental Testing	Chemical	Sea Water		Sulphates as SO4 2-		HACH 8051, 10/2019 Edition II	>2.0mg/L	P	ENAS	24

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25	Environmental Testing	Chemical	Sea Water		Fluoride		HACH 8029, 08/2018 Edition 10	>0.02mg/L	P	ENAS	25
26	Environmental Testing	Chemical	Sea Water		Nitrate		HACH 8171, 01/2014 Edition 9	>0.1mg/L	P	ENAS	26
27	Environmental Testing	Chemical	Sea Water		Nitrite		HACH 8507, 08/2019 Edition 11	>0.002mg/L	P	ENAS	27
28	Environmental Testing	Chemical	Sea Water		Free Chlorine		HACH 8021, 01/2014 Edition 9	>0.02mg/L	P	ENAS	28
29	Environmental Testing	Microbiological	Sea Water		Heterotrophic plate count		APHA 9215B, 23rd edition 2017	>1CFU/ml	P	ENAS	29
30	Environmental Testing	Microbiological	Sea Water		Enumeration of Total Coliforms		APHA 9222B, 23rd edition 2017	>1CFU/100ml	P	ENAS	30
31	Environmental Testing	Microbiological	Sea Water		Enumeration of Fecal Coliforms		APHA 9222B, 23rd edition 2017 APHA 9221E, 23rd edition 2017	>1CFU/100ml	P	ENAS	31
32	Environmental Testing	Microbiological	Sea Water		Enumeration of E. coli		Enumeration of E. coli >1CFU/100ml	>1CFU/100ml	P	ENAS	32
33	Environmental Testing	Microbiological	Sea Water		Enumeration of Pseudomonas aeruginosa		APHA 9213E, 23rd edition 2017	>1/100ml	P	ENAS	33
34	Environmental Testing	Microbiological	Sea Water		Enumeration of Enterococci		APHA 9230C, 23rd edition 2017	>1 Presumptive Enterococci/100ml	P	ENAS	34
35	Environmental Testing	Microbiological	Sea Water		Detection and Enumeration of Legionella		ISO 11731:2017 Matrix A Procedure 5,7 Matrix B Procedure 8,9,10	>1CFU/L	P	ENAS	35

End of scope of designation

Designation History			
Issue number	Revision number	Details	Issue Date
00	00	Initial designation	17-Jun-2024