



Calibration Certificate

شركة عبداللطيف حسين أبو الجدائل وأولاده
Abdullatif H. Abuljadayel & Sons Co.



Customer : Homeland Security Trading Est	Instrument : DR/900
Location : AL RIYADH	COLORIMETER
Certificate # : ALAJ/PW/DR900/250825	Serial Number : 180780001002
	Date of Cal : AUGUST 25,2025
	Due of Cal : AUGUST 25,2026

DR/900 COLORIMETER SERVICE CHECKOUT SHEET

CHARACTERISTICS	STANDARDS	ACTUAL DISPLAY	REMARKS
Visual Inspection	PASS/FAIL	PASSED	CLEANED
Sample Compartment/Cover	PASS/FAIL	PASSED	CLEANED
Software Version	Version 1.070	1.070	OK
Key pad buttons	PASS/FAIL	PASSED	OK
Screen Display	PASS/FAIL	PASSED	OK
Battery	PASS/FAIL	PASSED	OK

CALIBRATION TESTS

STANDARD ACCURACY CHECK

STANDARDS	WAVELENGTH in nm	METHOD / CHEMISTRY	RESULTS
ABSORBANCE STD	420, 520, 560 & 610 nm	ABS / COLOR	PLS FIND ATTACHED

NOTE: The standards used for accuracy check are especially prepared by the manufacturer that verify all the aspect of the system in general, particularly the Absorbance Standards in which covers all the crucial wavelength range of the Instrument. HACH prepared this to minimize users error in preparing calibration accuracy verification standards.

CALIBRATION CERTIFICATE

This is to Certify that the said Instrument has been Tested using and the methodology was determined during accuracy check using Specs Color Std. Kit ; ABS Std. Kit (Cat # 27639-00) and passes the performance test which meets the manufacturing specification and traceable to the National Institute of Standards and Technology(NIST) through comparison to the Certified Value within the designated tolerance.

This Certificate is issued on AUGUST 25,2025 on behalf of HACH-LANGE Co.(EU-Germany).

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Certified as ISO 9001:2015

الصيانة - الرياض
RIYADH MAINTENANCE



Calibration & Certified By :


Justin Mark Maranan
Technical Eng'r.



An ISO 9001:2015 Certified Company

PARAMETER	STD	WAVELENGTH	NOMINAL VALUE	UNIT	TOLERANCE	UNIT	ACTUAL VALUE	UNIT	PASS ?
Single Wavelength	STD1	420 nm	0.585	ABS	+/- 0.050	ABS	0.575	ABS	PASS
Single Wavelength	STD2	420 nm	1.217	ABS	+/- 0.100	ABS	1.207	ABS	PASS
Single Wavelength	STD3	420 nm	1.766	ABS	+/- 0.150	ABS	1.776	ABS	PASS
Single Wavelength	STD1	520 nm	0.602	ABS	+/- 0.050	ABS	0.599	ABS	PASS
Single Wavelength	STD2	520 nm	1.222	ABS	+/- 0.100	ABS	1.233	ABS	PASS
Single Wavelength	STD3	520 nm	1.805	ABS	+/- 0.150	ABS	1.805	ABS	PASS
Single Wavelength	STD1	560 nm	0.592	ABS	+/- 0.050	ABS	0.592	ABS	PASS
Single Wavelength	STD2	560 nm	1.246	ABS	+/- 0.100	ABS	1.240	ABS	PASS
Single Wavelength	STD3	560 nm	1.805	ABS	+/- 0.150	ABS	1.805	ABS	PASS
Single Wavelength	STD1	610 nm	0.571	ABS	+/- 0.050	ABS	0.577	ABS	PASS
Single Wavelength	STD2	610 nm	1.194	ABS	+/- 0.100	ABS	1.187	ABS	PASS
Single Wavelength	STD3	610 nm	1.719	ABS	+/- 0.150	ABS	1.744	ABS	PASS

DR/900 SN # 180780001002

DATE : 25/08/2025

OPERATOR : Justin Mark



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