



Calibration Certificate

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



Customer : HSTE	Instrument : DR/900
Location : RIYADH	COLORIMETER
Certificate # : ALAJ/HSTE/DR900/1009/210425	Serial Number : 180780001009
	Date of Cal : APRIL 21, 2025
	Due of Cal : APRIL 21, 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 **APRIL 21, 2025** on behalf of **HACH-LANGE Co. (EU-Germany)**.

Calibration & Certified By :

Justin Mark Maranan
Justin Mark Maranan
Technical Eng'r.

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Certified as ISO 9001:2015

الصيانة - الرياض
RIYADH MAINTENANCE Right Solutions



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	0.586	ABS	PASS
Single Wavelength	STD2	420 nm	1.217	ABS	+/- 0.100	ABS	1.215	ABS	PASS
Single Wavelength	STD3	420 nm	1.766	ABS	+/- 0.150	ABS	1.767	ABS	PASS
Single Wavelength	STD1	520 nm	0.602	ABS	+/- 0.050	ABS	0.607	ABS	PASS
Single Wavelength	STD2	520 nm	1.222	ABS	+/- 0.100	ABS	1.225	ABS	PASS
Single Wavelength	STD3	520 nm	1.805	ABS	+/- 0.150	ABS	1.807	ABS	PASS
Single Wavelength	STD1	560 nm	0.592	ABS	+/- 0.050	ABS	0.594	ABS	PASS
Single Wavelength	STD2	560 nm	1.246	ABS	+/- 0.100	ABS	1.250	ABS	PASS
Single Wavelength	STD3	560 nm	1.805	ABS	+/- 0.150	ABS	1.809	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	1.201	ABS	PASS
Single Wavelength	STD3	610 nm	1.719	ABS	+/- 0.150	ABS	1.720	ABS	PASS

DR/900 SN # 180780001009

DATE : 21/04/2025

OPERATOR : Justin Mark