



Calibration Certificate

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



Right Solutions

Customer : HSTE Instrument : DR/900
Location : RIYADH COLORIMETER
Certificate # : ALAJ/HSTE/DR900/1009/210425 Serial Number : 180780001004
Date of Cal : JUNE 15, 2025
Due of Cal : JUNE 15, 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

Wavelength Accuracy

STD	WAVELENGTH	NOMINAL VALUE	UNIT	TOLERANCE	UNIT	ACTUAL VALUE	UNIT	PASS ?
STD1	420 nm	0.585	ABS	+/- 0.050	ABS	0.582	ABS	PASS
STD2	420 nm	1.217	ABS	+/- 0.100	ABS	1.213	ABS	PASS
STD3	420 nm	1.766	ABS	+/- 0.150	ABS	1.774	ABS	PASS
STD1	520 nm	0.602	ABS	+/- 0.050	ABS	0.601	ABS	PASS
STD2	520 nm	1.222	ABS	+/- 0.100	ABS	1.252	ABS	PASS
STD3	520 nm	1.805	ABS	+/- 0.150	ABS	1.828	ABS	PASS
STD1	560 nm	0.592	ABS	+/- 0.050	ABS	0.599	ABS	PASS
STD2	560 nm	1.246	ABS	+/- 0.100	ABS	1.248	ABS	PASS
STD3	560 nm	1.805	ABS	+/- 0.150	ABS	1.811	ABS	PASS
STD1	610 nm	0.571	ABS	+/- 0.050	ABS	0.575	ABS	PASS
STD2	610 nm	1.194	ABS	+/- 0.100	ABS	1.197	ABS	PASS
STD3	610 nm	1.719	ABS	+/- 0.150	ABS	1.752	ABS	PASS

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 JUNE 15, 2025 on behalf of HACH-LANGE Co.(EU-Germany).

Calibration & Certified By :


Justin Mark Maranan
Technical Eng'r.

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Abdullatif H. Abuljadayel & Sons Co.
Certified as ISO 9001:2015

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Jeddah

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Khobar

Yanbu

ALAJ & Sons Co. is certified as ISO9001:2015

ISO17025:2017