



Calibration Certificate

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



Customer :	HSTE	Instrument :	TRACEABLE - MEMORY LOC DATA LOGGING THERMOMETER
Location :	RIYADH	Serial No. :	221523391
Certificate # :	ALA/HSTE/3391/030424	Date of Cal :	APRIL 03,2024
		Due of Cal :	APRIL 03,2025

DIGITAL THERMOMETER CALIBRATION DATA

Ambient Temp: 22 +/- 2 °C

Relative Humidity: 25% +/- 5%

Reference Details:

Brand : EXTECH
Temp. Calibrator / Data Logger
Probe Type : K-Type SN # 120409605
Range : -200 to 1370 °C
Resolution : 0.01 °C

UUC (Unit Under Calibration) Details:

Brand : TRACEABLE
MEMORY LOC - Data Logging Thermometer
Probe Type : K - Type
Range : -50 to 70 °C
Resolution : 0.01 °C

TEMPERATURE TEST :

Set/Test Points C	Reference Thermometer Extech - Temp Calibrator	(UUC-Unit Under Calibration) Traceable Thermometer	Difference Between UUC & Reference	Difference Between UUC & Test Points
-20	-20.01	-20.02	0.01	0.02
-10	-10.00	-9.08	0.02	0.02
0	0.00	0.0	0.00	0.00
10	10.01	9.9	0.02	0.01
15	15.00	14.9	0.01	0.01
20	20.01	19.8	0.03	0.02
30	30.00	30.01	0.01	0.01
60	60.00	60.1	0.01	0.01
70	70.01	69.9	0.02	0.01

NOTE : The display readings-both Reference and UUC- is the mean (4 replicates) of readings taken on every 5 mins w/in 30 mins period for each set Temperature.

CALIBRATION CERTIFICATE

This is to Certify that the Instrument was Calibrated by immersing in closely controlled Temperature reference environment together with one reference Standard Scale having known and traceable values of uncertainty. Each of the above readings was derived from number of readings taken at or close to the stated Temperature. The uncertainty Associated with the Test/Set Temperature does not exceed +/- 2.00 Degrees Centigrade.

Remarks : The Instrument is now on its normal working condition.

شركة عبداللطيف حسين أبو الجدائل وأولاده
Abdullatif H. Abuljadayel & Sons Co.
Certified as ISO 9001:2015
الصيانة - الرياض
RIYADH MAINTENANCE



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ALAJ & Sons Co. is certified as ISO9001:2015