Al Takamul Company For Engineering Services
Quality Control – Iraq

Certificate of Calibration

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Date of Issue: July 15, 2025

		CUSTOMER DETAILS	
REQUEST NUMBER	: By Contract	Name	**Halliburton Worldwide IRAQ (Baroid)**
JOB NUMBER	: QC-CAL-25268	Address	Western Burjesia, Oil Street, District Zubair-South Iraq
CERTIFICATE NUMBER	: **QC-CAL-25268-02**		

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: **Roller Oven**
Manufacturer	: fann
Model	: 705ES
Serial Number	: **16030**
Range	: 25 to 250°C
Calibration Range	: 25 to 250°C
Readability	: 1 °C
As found	: In Tolerance
Calibration Date	: July 15, 2025
Calibration Due	: **July 14, 2026**

ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 1°C Humidity : 40.0 ± 5 % RH Atm. Pressure 1013.0 ± 10 hPa

CALIBRATION METHOD

Above mentioned instrument has been calibrated according to Device manuals.

Calibration of above mentioned instrument has performed against reference standard digital Thermometer with Type K Thermocouple. The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	MAKE	MODEL #	SERIAL #	CALIBRATION DATE	DUE DATE
Digital Thermometer with K-Type Thermocouple	PATOS	DE-305	G0009036	5-Nov-24	4-Nov-25

CALIBRATION TEST RESULTS

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95 % C.L)
°C	°C	°C	± (°C)
25	25.13	-0.13	1.0
75	75.17	-0.17	1.0
150	150.25	-0.25	1.0
250	250.50	-0.50	1.0

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice.

DEVIATION FROM STANDARD METHOD : None

REMARK (S) :
- ☑ The results are as found (no adjustment done).
- ☐ The results are post adjustment.

CALIBRATED BY	REVIWED & APPROVED BY LAB INCHARGE	CLIENT
Hussein Alaa	LAB INCHARGE Asjad Rafiq	