

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

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Date of Issue : April 27, 2024

REQUEST NUMBER : By Contract

APPROVED BY : B IN / MARCH 2024

JOB NUMBER : QC/JN/24/00193

CERTIFICATE NUMBER : QC240427-36

**CUSTOMER DETAILS**Name : DQ (MUD UNIT)
Address : Rumaila Base south Iraq**EQUIPMENT IDENTIFICATION AND SPECIFICATIONS**Description : **Graduated Glass Cylinder**
Manufacturer : MC
Model : N/A
Serial Number : GT48
Range (Volume) : 2.5 to 25 mL
Resolution : 0.5 mL
As Found : In Tolerance
Calibrated By : Asjad Rafiq
Calibration Date : April 27, 2024
Calibration Due : **April 26, 2025**
Last Calibration : NA**ENVIRONMENTAL CONDITIONS DURING TEST**Ambient Temperature : 20 °C ± 2 °C
Relative Humidity : 40 %RH ± 5 %RH**CALIBRATION METHOD**

The above equipment has been calibrated in accordance with ISO Standard ISO4787-2021

The deviations of the measurement obtained from UUC with respect to reference standards are determined to obtain the error .

TRACEABILITY

The measurements made by Issued by: Quality Control Calibration & Testing Lab., realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Electronic Balance	B413452804	AFD / AK-6000H	November 15, 2023	November 14, 2024

CALIBRATION TEST RESULTS

Readings on UUC	Readings on Ref. Standard	Error	Uncertainty (95% C.L)
mL	mL	mL	± mL
2.5	2.499	-0.001	0.02
5	4.998	-0.002	0.02
10	9.998	-0.002	0.02
15	14.998	-0.002	0.02
25	24.997	-0.003	.0.02.

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.

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