

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

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Date of Issue : April 27, 2024

REQUEST NUMBER : By Contract

JOB NUMBER : QC/JN/24/00193

CERTIFICATE NUMBER : QC240427-21

APPROVED BY : [Signature]



CUSTOMER DETAILS

Name : DQ (MUD UNIT)

Address : Rumaila Base south Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Graduated Glass Pipette

Manufacturer : Kimble Kimax

Model : N/A

Serial Number : GT182

Range (Volume) : 0.1 to 5 mL

Resolution : 0.1 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
1	1.001	0.001	0.01
2	2.001	0.001	0.01
3	3.002	0.002	0.01
4	4.002	0.002	0.01
5	5.003	0.003	0.01

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.

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