Calibration Certificate

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Date of Issue : April 27, 2024

REQUEST NUMBER : By Contract	APPROVED BY LAB INCHARGE OF
JOB NUMBER : QC/JN/24/00193	
CERTIFICATE NUMBER : **QC240427-27**	

CUSTOMER DETAILS

Name DQ (MUD UNIT)
Address Rumaila Base south Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Graduated Glass Pipette**
Manufacturer : Wilmad Lab Glass
Model : N/A
Serial Number : GT177
Range (Volume) : 0.1 to 2 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 obained 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
0.2	0.200	0.000	0.01
0.6	0.601	0.001	0.01
1.0	1.001	0.001	0.01
1.6	1.601	0.001	0.01
2.0	2.001	0.001	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.