Calibration Certificate

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Date of Issue : April 27, 2024

REQUEST NUMBER	: By Contract
JOB NUMBER	: QC/JN/24/00193
CERTIFICATE NUMBER	**QC240427-25**

APPROVED BY LAB INCHARGE OF

CUSTOMER DETAILS

Name	DQ (MUD UNIT)
Address	Rumaila Base south Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description	: **Graduated Glass Pipette**
Manufacturer	: MC
Model	: N/A
Serial Number	: GT187
Range (Volume)	: 0.1 to 10 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
2	1.998	-0.002	0.01
4	3.997	-0.003	0.01
6	5.997	-0.003	0.01
8	7.998	-0.002	0.01
10	9.998	-0.002	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.