

## Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

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Date of Issue : April 27, 2024

REQUEST NUMBER : By Contract

APPROVED BY : [Signature]

JOB NUMBER : QC/JN/24/00193

CERTIFICATE NUMBER : QC240427-52



### CUSTOMER DETAILS

Name : DQ (MUD UNIT)

Address : Rumaila Base south Iraq

### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Sand Content Tube

Manufacturer : OFITE

Model : N/A

Serial Number : GT200

Range (Volume) : 30 to 100 mL

Resolution : NA

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 &amp; 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                    |
| 30              | 30.002                    | 0.002 | 0.02                    |
| 100             | 100.003                   | 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.