

Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: July 5, 2025

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REQUEST NUMBER : By Mail	CUSTOMER DETAILS
JOB NUMBER : QC-CAL-25250	Name Halliburton Worldwide IRAQ
CERTIFICATE NUMBER : QC-CAL-25250-21	Address Western Burjesia, Oil Street, District Zubair-South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Refractometer**
 Manufacturer : N/A
 Model : ATC
 Serial Number : **R752509**
 Type : Digital
 Range (Adblue) : 0 to 100 %
 Calibrated Range : 32.5 %
 Accuracy : +/- 0.5%
 As Found : In Tolerance
 Calibration Date : July 5, 2025
Calibration Due : July 4, 2026



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 29.0 ± 1°C Humidity : 43.0 ± 5 % RH Atm. Pressure 1013.0 ± 10 hPa

CALIBRATION METHOD

The above equipment has been calibrated against standard Refractometer Calibration Solutions. The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	Solution Code	EXPIRY DATE
Electronicx AdBlue 32.5%	AB32.5	April 10, 2026

CALIBRATION TEST RESULTS

Measured Values on Unit Under Calibration (M)	Ref. Standard Values (A)	Deviation (D=M-A)	Expanded Uncertainty (U)
%	%	%	± %
32.50	32.50	0.00	0.00

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

- The results are as found (no adjustment done).
 The results are post adjustment.

CALIBRATED BY	REVIEWED & APPROVED BY / LAB INCHARGE	CLIENT
 Abdulrahman Loay	 LAB INCHARGE Asjad Rafiq	