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### **CERTIFICATE OF CALIBRATION**

**PRODUCT:** Density Standard 1.0265g/ml @ 25°C  
**PRODUCT NO:** DEN25150  
**LOT NO:** DEN21522B1  
**DATE OF MEASUREMENT:** 01/02/2022  
**DATE OF SAMPLE RECEIPT:** 01/02/2022  
**DATE OF MANUFACTURING\*:** 01/02/2022  
**EXPIRY DATE:** 28/02/2024  
**SPECIFICATION:** 1.0260 - 1.0270 g/ml @ 25°C  
**MEAN:** 1.0262 g/ml @ 25°C

#### **TEST METHOD:**

This certificate relates solely to the sample as received by the laboratory, bearing the product number and lot number given above, taken at time of manufacture. The density of this standard was determined using a high performance calibrated density meter according to LAB-P-TPDMA5000M. Density measurements are traceable to values for the density of pure water assigned by the PTB and NIST. The measurements were made in accordance with ASTM D4052 which is the standard test method for Density, Relative Density and API Gravity of Liquids by Digital Density Meter.

The uncertainty of measurement has been calculated not to exceed  $\pm 0.16\%$  expanded uncertainty at 95% confidence level, i.e. coverage factor  $k=2$ .

## ACCREDITATION:

Reagecon Diagnostics Ltd. is accredited by the Irish National Accreditation Board, under scope 264T, for the test method, LAB-P-TPDMA5000M, used to generate the above result. This accreditation is intended only to certify that Reagecon has the Quality Management Systems in place to ensure that each individual test result generated using TPDMA5000M is technically valid and is supported by appropriate uncertainty measurements.

\*The Detail above is based on information supplied in writing by Reagecon Manufacturing.

Tested by Reagecon Quality Control Laboratories for Reagecon Manufacturing:

Reagecon Diagnostics Ltd.

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**Approved By:**

QC Technician



**Date:** 14/03/2022

This certificate must not be reproduced except in full.