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CERTIFICATE OF ANALYSIS

PRODUCT: Density Standard 1.0005g/ml @ 20°C
PRODUCT NO: DEN20140
LOT NO: DEN21424D1
DATE OF MEASUREMENT: 06/08/2024
DATE OF SAMPLE RECEIPT: 06/08/2024
DATE OF MANUFACTURING*: 06/08/2024
EXPIRY DATE*: 28/04/2026
SPECIFICATION: 0.9995 - 1.0015 g/ml @ 20°C
MEAN: 0.9999 g/ml @ 20°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 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 to ISO 17025 by the American Association for Laboratory Accreditation, under scope 6739.03, for the test method, TPDMA5000M, used to generate the above result. This accreditation deems Reagecon competent on a quality systems level and a technical level to perform the tests on the scope of accreditation. 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:
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Approved By: QC Supervisor

Date: 17/08/2024

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