

## Certificate of Analysis

### Refractive Index Standard

#### Refractive Index Stabilised Sucrose Standard 1.40978 nD @ 20°C

Product No:	RIBS45S	Date of Measurement:	27/03/2024
Lot No:	RIBS4524C1	Date of Sample Receipt:	27/03/2024
Expiry Date*:	28/03/2025	Date of Manufacture*:	27/03/2024

Specification:	Mean Measured Value:
1.40937 - 1.41018 nD @ 20°C	1.41002 nD @ 20°C

#### Method:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. Test Method used was TPRIA 01. The Refractive Index value of the standard was determined using a high-performance, calibrated, temperature-controlled refractometer @20°C using sodium light at 589.3nm. This certificate relates solely to the sample as received by the laboratory, bearing the product code and lot number given above. The uncertainty of measurement has been calculated not to exceed  $\pm 0.00014$  nD (0.01%) @ 20°C at 95% confidence level, i.e., coverage factor k=2.

#### Metrological Traceability:

This Test Result provides traceability to high purity ISO 17034 Certified Reference Materials.

#### Composition:

This Product is Stabilised by the addition of 0.01% of preservative.

#### Usage Instructions:

Prior to use, the contents of the dropper bottle should be brought to room temperature and mixed thoroughly by inversion to ensure a homogeneous mix.

Remove cap and discharge 4-5 droplets of liquid to waste to clear the nozzle.

Replace cap immediately after use.

Product must be stored at 2 - 8 °C when not in use.

#### Accreditation:

Reagecon Diagnostics Ltd. is accredited to ISO 17025 by the American Association for Laboratory Accreditation, under scope 6739.03, for the test method, TPRIA 01, 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 TPRIA 01 is technically valid and is supported by appropriate uncertainty measurements.

Date of Issue of the Certificate :

29/03/2024

QC Supervisor

ASHTON Colin



# *Certificate of Analysis*

---

## **Refractive Index Standard**

### **Refractive Index Stabilised Sucrose Standard 1.40978 nD @ 20°C**

---

All raw materials used to prepare this product are of high purity.

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

Tested by Reagecon Quality Control Laboratories for Reagecon Manufacturing

This Certificate must not be reproduced except in full. Rev-QL003