

CERTIFICATE OF ANALYSIS

PRODUCT: Brix Standard 0% w/w Sucrose in Water @ 20°C
PRODUCT NO: BS00
LOT NO: BS0020J1
DATE OF TEST: 18th September 2020
EXPIRY DATE: 28th September 2021
SPECIFICATION: 0.00% w/w @ 20°C
MEAN: 0.00% w/w @ 20°C

Equivalent refractive index @ 20°C from ICUMSA Tables is 1.332986 using sodium light at 589.3nm.

TEST METHOD:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. The Brix value of the standard was determined using a high performance calibrated, temperature controlled refractometer according to TPRIA 01.

This test method provides traceability to high purity ISO17034 Certified Reference Materials.

This certificate relates solely to the lot number given above. The uncertainty of measurement has been calculated not to exceed ± 0.11 % Brix value (20°C) at 95 % confidence level, i.e. coverage factor $k=2$.

TRACEABILITY IN THE PRODUCTION OF THIS STANDARD:

This product was prepared gravimetrically on a weight/weight basis. Both solute and solvent were weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for calibration of non-automatic weighing machines (265C). The resulting Balance Certificate of Calibration was issued in accordance with the requirements of ISO/IEC 17025. The balance was calibrated under monitored environmental conditions and atmospheric pressure. Tests were performed for capacity, readability, repeatability, eccentricity and linearity.

INSTRUCTIONS FOR USE:

- 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.
- DO NOT FREEZE

Approved By: QA Officer

Rosemary Cooney.

Date: 18th September 2020

This certificate must not be reproduced except in full.