



CERTIFICATE OF ANALYSIS

PRODUCT: 300 mOsm/Kg H₂O Osmolality Standard
PRODUCT NO: Y1240
LOT NO: Y124019H1
DATE OF TEST: 14th August 2019
EXPIRY DATE: 28th August 2022
SPECIFICATION: 297 – 303 mOsm/Kg H₂O
MEAN: 300 mOsm/Kg H₂O

TEST METHOD AND TRACEABILITY:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. The value of the standard was determined using a high performance calibrated Osmometer.

Standard Osmolality solutions used to calibrate the freezing point depression Osmometer Advance Instrument model 3900 have traceability to NIST (SRM) 919b Sodium Chloride via an unbroken chain of comparisons.

This certificate relates solely to the lot number given above.

The uncertainty of measurement has been calculated not to exceed $\pm 1.2\%$ Osmolality value at 95% confidence level, i.e. coverage factor $k=2$.

This certificate is electronically generated and does not require a signature.

Date: 14th August 2019

This certificate must be reproduced except in full.