



CERTIFICATE OF ANALYSIS

PRODUCT: 400 mOsm/Kg H₂O Osmolality Standard
PRODUCT NO: Y1241-1
LOT NO: OSM40025H1
DATE OF TEST: 08th August 2025
EXPIRY DATE: 28th August 2028
SPECIFICATION: 396 – 404 mOsm/Kg H₂O
MEAN: 402 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 osmolality was determined using a high performance calibrated Osmometer.

Standard Osmolality solutions used for Osmometer calibration 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: 08th August 2025

This certificate must be reproduced except in full.