



## CERTIFICATE OF ANALYSIS

**PRODUCT:** 300 mOsm/Kg H<sub>2</sub>O Osmolality Standard  
**PRODUCT NO:** Y1240  
**LOT NO:** OSM30022M1  
**DATE OF TEST:** 4<sup>th</sup> January 2023  
**EXPIRY DATE:** 28<sup>th</sup> December 2025  
**SPECIFICATION:** 298-302 mOsm/Kg H<sub>2</sub>O  
**MEAN:** 301 mOsm/Kg H<sub>2</sub>O

### **TEST METHOD:**

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:** 5<sup>th</sup> January 2023

This certificate must be reproduced except in full.