



## CERTIFICATE OF ANALYSIS

**PRODUCT:** 300 mOsm/Kg H<sub>2</sub>O Osmolality Standard  
**PRODUCT NO:** Y1240  
**LOT NO:** OSM30021E1  
**DATE OF TEST:** 31<sup>st</sup> May 2021  
**EXPIRY DATE:** 28<sup>th</sup> May 2024  
**SPECIFICATION:** 298 – 302 mOsm/Kg H<sub>2</sub>O  
**MEAN:** 301 mOsm/Kg H<sub>2</sub>O

### **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 3250 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:** 31<sup>st</sup> May 2021

This certificate must be reproduced except in full.