



## CERTIFICATE OF ANALYSIS

**PRODUCT:** 2000 mOsm/Kg H<sub>2</sub>O Osmolality Standard  
**PRODUCT NO:** Y1248  
**LOT NO:** OSM200021B1  
**DATE OF TEST:** 17<sup>th</sup> February 2021  
**EXPIRY DATE:** 28<sup>th</sup> February 2024  
**SPECIFICATION:** 1980 – 2020 mOsm/Kg H<sub>2</sub>O  
**MEAN:** 1999 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:** 29<sup>th</sup> March 2021

This certificate must be reproduced except in full.