

# Osmolality Standards

## Summary of Features & Benefits:

### Commercial Benefits

- Extended shelf life
- Can be used with any brand of Osmometer
- Extensive range 50 - 3000mOsm/kg H<sub>2</sub>O (including protein based and urine based standards)
- Presented in convenient ampoules
- Ready to Use

### Technical Benefits

- Test results of all standards accredited to ISO17025
- Low Uncertainty of Measurement
- Manufactured in accordance with European and United States Pharmacopoeia guidelines
- Consistency of product - Independent, Traceable, Certified
- Certificates of Analysis and Safety Data Sheets available online

Reagecon manufactures a range of Osmolality Standards for ease of use when calibrating all types of Osmometers, irrespective of brand. All Osmolality standards are manufactured using high purity raw materials in accordance with European and United States Pharmacopoeia guidelines. These products are prepared gravimetrically on a weight/weight basis. Both solute (salts) and solvent (water) are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for calibration of laboratory balances (INAB ref: 265C). The resulting Balance Certificate of Calibration is issued in accordance with the requirements of ISO/IEC 17025. The Osmolality of the standard is verified using a high performance calibrated, temperature controlled Osmometer. The calibration of this instrument is completed using high purity certified Osmolality standards similar in value to the products listed below.

Product No.	Description	European Pharmacopeia 2.2.35 United States Pharmacopeia <785>	Pack size
RE-OSM-50	50mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-100	100mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-200	200mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-290	290mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-300	300mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-400	400mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-500	500mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-850	850mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-900	900mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-1000	1000mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-1500	1500mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-2000	2000mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-OSM-3000	3000mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-POSM-240	Protein Based 240mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-POSM-280	Protein Based 280mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-POSM-320	Protein Based 320mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-ROSM-300	Urine Based 300mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml
RE-ROSM-800	Urine Based 800mOsm/Kg H <sub>2</sub> O	conforms	12 x 5ml