

Sea salt - Certified Reference Materials for Nutrients

Art. ID	NRC-SALT-1
Unit	4,1 g
Deliverydetails	No Dangerous Good /not restricted

Description

NRC-SALT-1 is an artificial sea salt Certified Reference Material (CRM) to be used as a proxy for seawater. The SALT-1 reconstituted solution can be used for calibration, method development, validation and quality control for the analysis of nutrients in seawater, similar to the NRC-MOOS-3.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Amount concentration (in the 100 mL solution)	Phosphate (PO ₄ ³⁻)		1,615 ± 0,030	µmol/L		
Mass concentration (in the 100 mL solution)	Phosphate (PO ₄ ³⁻)		0,1534 ± 0,0029	mg/L		
silicate as SiO ₂ / Amount concentration (in the 100 mL solution)	Silicate (SiO ₂)		8,89 ± 0,31	µmol/L		
silicate as SiO ₂ / Mass concentration (in the 100 mL solution)	Silicate (SiO ₂)		0,534 ± 0,0019	mg/L		
Amount concentration (in the 100 mL solution)	Nitrate (NO ₃ ⁻)		18,98 ± 0,045	µmol/L		
Mass concentration (in the 100 mL solution)	Nitrate (NO ₃ ⁻)		1,177 ± 0,028	mg/L		