

Product Specification

Artificial Sea Water, for IEC 60598-2-18

Lot Number: SAMPLE

Product Number: R0836000

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Chloride	7647-14-5	ACS
Magnesium Sulfate Heptahydrate	10034-99-8	ACS
Magnesium Chloride Hexahydrate	7791-18-6	ACS
Calcium Chloride Dihydrate	10035-04-8	ACS
Sodium Bicarbonate	144-55-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	7.0-8.0	N/A	186-I-g, 186-II-g, 191d

Specification	Reference
Artificial Sea Water	IEC (60598-2-18)
Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.	

Part Number	Size / Package Type	Shelf Life (Unopened Container)
R0836000-20F	20 L Cubitainer®	12 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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