

Product Specification

Water, ASTM Type I, Suitable for HPLC

Lot Number: SAMPLE

Product Number: R9153500

Date Packaged: N/A

Expiration Date: N/A

This product is manufactured by a continuous process that has been validated to produce high purity Water meeting, as a minimum, the specifications below at the time of packaging. This water also meets ASTM Type III and Type IV specifications. The analysis results are from the most recent scheduled monitoring.

This product is not certified to meet USP and EP Purified Water specifications. The RICCA CHEMICAL COMPANY catalog number for USP / EP Purified Water is 9190.

Contains

H₂O CAS No. 7732-18-5 MW 18.02

Test	Specification	Result
Appearance	Colorless Liquid	N/A
Chloride (Cl ₋)	max 1 ppb	N/A
Conductivity at 25°C	max 0.056 µS/cm	N/A
Heavy Metals (as Pb)	max 0.01 ppm	N/A
LC Suitability (Absorbance)	To Pass Test	N/A
LC Suitability (Gradient Elution Test)	To Pass Test	N/A
Nitrate (NO ₃ ⁻)	max 0.4 ppm	N/A
Organic Carbon (TOC)	max 50 ppb	N/A
Oxidizable Substances (Permanganate Retention)	To Pass Test	N/A
Phosphate (PO ₄ ⁻)	max 1.0 ppm	N/A
Silicate (as SiO ₂)	max 3 ppb	N/A
Sodium (Na)	max 1 ppb	N/A
Sulfate (SO ₄ ⁻)	max 1.0 ppm	N/A

This water is specially purified by conventional water softening, prefiltration, activated carbon organic adsorption, reverse osmosis, mixed bed triple deionization, ultraviolet light irradiation, and 0.2 micron membrane filtration. Consult RICCA CHEMICAL COMPANY Technical Reference Document TRD02 (for lot numbers starting with 1) or TRD03 (for lot numbers starting with 2) for details of the water purification process.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
R9153500-1C	1 L amber glass	18 months
R9153500-4C	4 L amber glass	18 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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