

Product Specification

Water, HPLC Grade
ACS Reagent Grade, Suitable for Liquid Chromatography

Lot Number: SAMPLE

Product Number: 9153

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. The analysis results are from the most recent scheduled monitoring.

Contains

H₂O CAS No. 7732-18-5 MW 18.02

Test	Specification	Result
Chloride (Cl)	max 0.4 ppm	N/A
Conductivity at 25°C (Method: SQCP031)	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 0.01 ppm	N/A
Sulfate (SO ₄)	max 1.0 ppm	N/A

Specification	Reference
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Water, Reagent, Suitable for Ultraviolet Spectrophotometry and
Liquid Chromatography ACS (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)
9153-1	4 L amber glass	18 months
9153-1CS	4 x 4 L amber glass	18 months
9153-32	1 L amber glass	18 months

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

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.