RICCA CHEMICAL COMPANY®

Arlington, TX 76012
Pocomoke City, MD 21851
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Product Specification

Water, ACS Reagent Grade, ASTM Type I, ASTM Type II
Packaged in plastic containers

Lot Number: SAMPLE **Product Number:** 9150

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

H_2O 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
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

Specification	Reference
Reagent Water	ACS (N/A)
Reagent Water, Type I	ASTM (D 1193)
Reagent Water, Type II	ASTM (D 1193)
Reagent Water, Type III	ASTM (D 1193)
Reagent Water, Type IV	ASTM (D 1193)

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), TRD03 (for lot numbers starting with 2), or 3) TRD026 (for lot numbers starting with 4) for details of the water purification process.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
9150-1	4 L natural poly	18 months
9150-16	500 mL natural poly	18 months
9150-1CT	4 L Cubitainer®	18 months
9150-2.5	10 L Cubitainer®	18 months
9150-32	1 L natural poly	18 months
9150-5	20 L Cubitainer®	18 months
9150-55	55 gal poly drum	18 months
9150-5HP	20 L Ropak™	18 months
R9150000-330E3	330 gal tote	18 months

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

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