

Product Specification

Water, USP Purified, Nonsterile

Lot Number: SAMPLE

Product Number: R9191000

Date Packaged: N/A

The bulk water for this product is manufactured by a continuous process that has been validated under cGMP to produce high purity Water meeting as a minimum, the specifications below at time of packaging. The analysis results are from the most recent scheduled monitoring. (Consult RICCA CHEMICAL COMPANY Technical Reference Document TRD04 for information regarding quantitative interpretations of USP limit tests.) USP Purified Water does not have a microbial specification. This water is not filled in a sterile environment or into sterile containers. This water is non-sterile and should not be used for injection or parenteral solution preparation.

Per USP <1231>, "It is the user's responsibility to ensure fitness for use of this packaged article when used in manufacturing, clinical, or analytical applications where the pure bulk form of the water is indicated."

Contains

H₂O CAS No. 7732-18-5 MW 18.02

Test	Specification	Result
Ammonia (NH ₃)	max 0.3 ppm	N/A
Ammonium (NH ₄)	max 0.2 ppm	N/A
Appearance	Colorless liquid	N/A
Calcium (Ca)	max 0.5 ppm	N/A
Carbon Dioxide (CO ₂)	To Pass Test	N/A
Chloride (Cl)	max 0.5 ppm	N/A
Conductivity at 25°C	max 1 µS/cm	N/A
Magnesium (Mg)	max 0.5 ppm	N/A
Organic Carbon (TOC)	max 0.5 ppm	N/A
Oxidizable Substances (Permanganate Retention)	To Pass Test	N/A
pH at 25°C (Method: SQCP027, SQCP033)	5.0-7.0	N/A
Sulfate (SO ₄)	max 0.5 ppm	N/A

Specification	Reference
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Purified Water USP (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)
9191-32	1 L natural poly	Undetermined
R9191000-20F	20 L Cubitainer®	Undetermined
R9191000-330E3	330 gal tote	Undetermined
R9191000-4A	4 L natural poly	Undetermined
R9191000-55E	55 gal poly drum	Undetermined

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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