

# Product Specification

## Water, ASTM Type III

**Lot Number:** SAMPLE**Product Number:** R9151300**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.

### Contains

H<sub>2</sub>O CAS No. 7732-18-5 MW 18.02

| Test                            | Specification    | Result |
|---------------------------------|------------------|--------|
| Appearance                      | Colorless liquid | N/A    |
| Chloride (Cl)                   | max 10 ppb       | N/A    |
| Conductivity at 25°C            | max 0.25 µS/cm   | N/A    |
| Organic Carbon (TOC)            | max 200 ppb      | N/A    |
| Silicate (as SiO <sub>2</sub> ) | max 500 ppb      | N/A    |
| Sodium (Na)                     | max 10 ppb       | N/A    |

### Specification

### Reference

Reagent Water, Type III

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

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|-------------|---------------------|---------------------------------|
| R9151300-4A | 4 L natural poly    | 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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