

# Product Specification

## Distilled Water, pH 8.75

**Lot Number:** SAMPLE**Product Number:** R9181000**Manufacture Date:** N/A**Recommended Retest Date:** N/A

The high purity Water feedstock for this product is manufactured by a continuous process that has been validated to produce high purity Water meeting, as a minimum, ACS Reagent Grade, ASTM Type I, and ASTM Type II specifications. This high purity Water is then further purified by an added distillation step and filled into specially cleaned containers. This product has a low microbial count but is not guaranteed to be sterile. The conductivity specification for this product is equivalent to a minimum resistivity of 0.67 megohm-cm.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result	NIST SRM#
Appearance	Clear, Colorless liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	8.50-9.00	N/A	186-I-g, 186-II-g, 191d

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)
R9181000-50C	50 mL amber glass	18 months

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

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