

# Product Specification

Water, Molecular Biology Grade, Sterile  
RNase Free, DNase Free, Protease Free, DEPC Free

Lot Number: SAMPLE      Product Number: R9145000

Date Packaged: N/A

Expiration Date: N/A

## Contains

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

| Test                              | Specification           | Result |
|-----------------------------------|-------------------------|--------|
| Appearance                        | Clear, colorless liquid | N/A    |
| Bioburden (no growth)             | To Pass Test            | N/A    |
| DNase Activity (none detected)    | To Pass Test            | N/A    |
| Endotoxin (none detected)         | To Pass Test            | N/A    |
| Protease Activity (none detected) | To Pass Test            | N/A    |
| RNase Activity (none detected)    | To Pass Test            | 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) |
|-------------|---------------------|---------------------------------|
| R9145000-1G | 1 L clear PET-G     | 24 months                       |

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

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