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# Purified Water

[NOTE—For microbiological guidance, see general information chapter [Water for Pharmaceutical Purposes \(1231\)](#).]

H<sub>2</sub>O 18.02

## DEFINITION

Purified Water is water obtained by a suitable process. It is prepared from water complying with the U. S. Environmental Protection Agency National Primary Drinking Water Regulations or with the drinking water regulations of the European Union or of Japan, or with the World Health Organization's Guidelines for Drinking Water Quality. It contains no added substance.

[NOTE—Purified Water whether it is available in bulk or packaged forms, is intended for use as an ingredient of official preparations and in tests and assays unless otherwise specified (see [General Notices, 8.230. Water](#)). Where used for sterile dosage forms, other than for parenteral administration, process the article to meet the requirements under [Sterility Tests \(71\)](#), or first render the Purified Water sterile and thereafter protect it from microbial contamination. Do not use Purified Water in preparations intended for parenteral administration. For such purposes use Water for Injection, Bacteriostatic Water for Injection, or Sterile Water for Injection. In addition to the *Specific Tests*, Purified Water that is packaged for commercial use elsewhere meets the additional requirements for *Packaging and Storage* and *Labeling* as indicated under *Additional Requirements*.]

## SPECIFIC TESTS

[NOTE—Required for bulk and packaged forms of *Purified Water*]

- [TOTAL ORGANIC CARBON \(643\)](#): Meets the requirements
- [WATER CONDUCTIVITY, Bulk Water \(645\)](#): Meets the requirements

## ADDITIONAL REQUIREMENTS

[NOTE—Required for packaged forms of Purified Water]

- **PACKAGING AND STORAGE:** Where packaged, preserve in unreactive storage containers that are designed to prevent microbial entry.
- **LABELING:** Where packaged, label it to indicate the method of preparation and that it is not intended for parenteral administration.

Delete the following:

- ▲ [USP REFERENCE STANDARDS \(11\)](#)  
[USP 1,4-Benzoquinone RS](#) ▲ (ERR 1-Nov-2018)

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
PURIFIED WATER	<a href="#">Antonio Hernandez-Cardoso</a> Senior Scientific Liaison	GCCA2020 General Chapters - Chemical Analysis 2020
REFERENCE STANDARD SUPPORT	RS Technical Services <a href="mailto:RSTECH@usp.org">RSTECH@usp.org</a>	GCCA2020 General Chapters - Chemical Analysis 2020

Chromatographic Database Information: [Chromatographic Database](#)

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