



**ChemPure\* Brand  
Chemicals**

Certificate of Analysis

...Pure Quality

Product Name:

**Water**

**Deionized, ACS REAGENT GRADE, ASTM TYPE I**

Product Number:	CP-E0204C	Formula:	H2O
CAS Number:	7732-18-5	MDL:	MFCD0001133
Lot Number:	J34404	Formula Weight:	2 18.02 g/mol
Manufactured Date:	12/10/2019	Expire Date:	12/10/2020

### ANALYTICAL RESULTS

TEST	SPECIFICATIONS	RESULTS
Appearance	clear colorless liquid	Passed
Chloride (Cl)	max 1 ppb	<1 ppb
Conductivity at 25°C	max 0.056 $\mu$ S/cm	0.056 $\mu$ S/cm
Heavy Metals (as Pb)	max 0.01 ppm	<0.01 ppm
Nitrate (NO <sub>3</sub> )	max 0.4 ppm	<0.4 ppm
Organic Carbon (TOC)	max 50 ppb	< 50 ppb
Oxidizable Substances (Permanganate Retention)	To Pass Test	Passed
Phosphate (PO <sub>4</sub> )	max 1.0 ppm	<1.0 ppm
Silicate (as SiO <sub>2</sub> )	max 3 ppb	<3 ppb
Sodium (Na)	max 1 ppb	<1 ppb
Sulfate (SO <sub>4</sub> )	max 1.0 ppm	<1 ppm

This water is specially purified by 0.2 micron membrane filtration.

Meets Specifications When Packaged

Intended Use - Product is intended for use in manufacturing procedures and laboratory procedures and protocols.

Storage Information - Unless otherwise noted on the product label, store the product under normal lab conditions in its tightly closed, original container. Do not pipet directly from the container or return unused portions to the container.

Instructions for Handling and Use - Please refer to the associated product label and Safety Data Sheet (SDS) for information regarding safety and handling of this product.

Preparation - All products are manufactured and tested according to established, documented procedures and methodology. Production documentation records manufacturing data, raw material traceability and testing history on a per lot basis. Balances, thermometers, and glassware are calibrated before first use and on a regular schedule with references traceable to NIST standards.

**IMPORTANT-DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. This certificate of analysis may not include all the constituents of the product. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

Manufactured by an ISO9001:2008 certified company. Registration # 0306-01

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