

Serving Science, Technology, Labs & Engineering Sectors Worldwide.

Type I ASTM ultrapure laboratory reagent water is engineered for the most demanding applications.

It is used across a range of disciplines, from life sciences and molecular diagnostics to analytical chemistry and materials research.

Ideal for high-precision applications such as HPLC/UPLC, LC-MS/MS, ICP-MS, GC-MS, molecular biology and genomics workflows, cell and tissue culture, as well as semiconductor, microelectronics and critical surface cleaning processes.

Each batch undergoes rigorous quality control and is produced in accordance with ASTM D1193 Type I specifications.

PARAMETER / GRADE	I	A	B	C
Conductivity $\mu\text{S}/\text{cm}$	0.0555	0.0555	0.0555	0.0555
Resistivity $\text{M}\Omega$	18	18	18	18
pH	-	-	-	-
TOC $\mu\text{g}/\text{L}$ max	50	50	50	50
Sodium $\mu\text{g}/\text{L}$ max	1	1	1	1
Chloride $\mu\text{g}/\text{L}$ max	1	1	1	1
Total Silica $\mu\text{g}/\text{L}$ max	3	3	3	3
HBC cfu/mL max	-	10/1000	10/100	100/10
Endotoxin EU/mL	-	0.03	0.25	-
CAS Number	7732-18-5			
Shelf Life	6 months when unopened and stored between 2°C and 18°C in a dark environment			

- ✓ **UK Manufacturer**
- ✓ **Fast - Just in time deliveries**
- ✓ **No Chemical Additives**
- ✓ **Extensive Formulated Range**
- ✓ **Batch Traceability**
- ✓ **Manufactured in ISO-certified purpose built facilities**

OPTIONS:

- ✓ **Application specific cap solutions**
- ✓ **In volumes to meet your needs from 100ml to 27,000L**
- ✓ **Ultrafast Emergency Service Available**

- ✓ **Custom Formulation Capability**
- ✓ **Nitrogen & Ozone Flushing**
- ✓ **Gamma Irradiation**
- ✓ **Non-Standard container types to suit your requirements**



Call or email to discuss your ultrapure water requirements

T. +44(0)1942 914 007 E. sales@waterson-scientific.co.uk W. www.waterson-scientific.co.uk
Unit 18, Heron Business Park, Tan House Lane, Widnes WA8 0SW



A Division of Waterson Ltd



**ANALYTICAL, ULTRA-HIGH PURITY, REAGENT GRADES, AND CUSTOM FORMULATIONS
PROTECTING YOUR RESULTS | BRAND | BATCHES | DEADLINES | PROFITS & EQUIPMENT**