

Technical Information

Water, Sterile, Molecular Biology Grade

Endotoxin Tested

DEPC treated, Nuclease and Protease free

Product Code: TCL1018

Molecular Weight: 18.02

Molecular Formula: H₂O

CAS number: 7732-18-5

TCL1018, Water, Molecular biology grade is sterile filtered water treated with 0.1% diethylpyrocarbonate (DEPC). It is prepared by passing water through continuous process which includes water pretreatment, reverse osmosis, deionization, distillation and filtration. DEPC inactivates RNases by carboxylation of specific amino acid side chains in the protein. It is produced specifically for molecular biology applications like DNA/ RNA purification, protein applications and experiments involving RNA.

Quality control

Appearance

Colorless, clear liquid

pH

5.00 -7.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification

DNases/ RNases/ Proteases

Not detected

Endotoxin Content

NMT 0.1 EU/ml.

Storage and Shelf Life

Store at 15 - 30°C.

Shelf life of the product is 36 months.

Use before expiry date given on the product label.

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.