
Water, Sterile, Molecular Biology Grade

Endotoxin Tested

DEPC treated, Nuclease and Protease free

Product Code: TCL018

Product Description :

Molecular Weight: 18.02

Molecular Formula: H₂O

CAS number: 7732-18-5

TCL018, 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.

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.

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.

Disclaimer :

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