Water, Sterile, Molecular Biology Grade
DEPC treated, Nuclease and Protease free

Product Code: TCL016

Product Description:
Molecular Weight: 18.02
Molecular Formula: H₂O
CAS number: 7732-18-5

TCL016, 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, deionisation, and filtration. It is produced specifically for molecular biology applications like DNA/RNA purification, protein applications and experiments involving RNA. DEPC inactivates RNases by carboxylation of specific amino acid side chains in the protein.

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

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:
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