

Product Specifications



SCIENTIFIC

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An ISO 9001 Certified Company

WATER Molecular Biology Grade

Product Number

Size

IB42100	125ml
IB42101	12 x 125ml
IB42102	48 x 125ml
IB42110	500ml
IB42111	10 x 500ml
IB42112	20 x 500ml
IB42120	1L
IB42121	6 x 1L
IB42122	12 x 1L
IB42130	2L
IB42131	6 x 2L
IB42140	10L

PHYSICAL SPECIFICATIONS

Nuclease Activity (DNase, RNase, & Protease on Fluorometric Analysis) _____ Nuclease Free
Sterility _____ No Biological Activity
pH _____ 5.0 - 7.5
Appearance _____ Clear

STORAGE

Store at room temperature.

CAS NO.

CAS# _____ 7732-18-5

WARNING

Classification: No known hazards

RECOMMENDED USE

IBI Molecular Biology Grade Water is ideal for the preparation of all types of PCR reactions (PCR, qPCR, RT-qPCR). It is also ideal for the preparation of molecular biology solutions, electrophoresis buffers, etc...

WATER PROPERTIES

IBI Molecular Biology Grade Water is manufactured under stringent conditions. The purification process for this product includes: Reverse Osmosis, Continuous deionization (by way of EDI and specialty resin, 0.05 micron endotoxin removal filters, UV light treatment, and 0.03 micron membrane filtration). The end product is then aseptically filled inside an ISO 7 sterile suite.

QUALITY CONTROL

IBI Molecular Biology Grade Water is tested for Nuclease Activity (DNase, RNase, and Protease) by way of fluorometry. Sterility is verified by USP <71> sterility test, and all Quality Control Testing is done in-house by IBI SCIENTIFIC.

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.