

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global  
Certificate Number: CERT-0120633

Catalogue Number	BP2819
Lot Number	262501
Description	WATER, MOLECULAR BIOLOGY GRADE
CAS Number	7732-18-5
Quality Test/Release Date	29/May/2026
Suggested retest date	28/May/2031
Country of Origin	United States
Declaration of Origin	Inorganic-non animal
BSE/TSE	BSE/TSE Free

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
CONDUCTIVITY AT 25 DEG C	uS/cm	<= 2	1
DNASE		DETECTED/ NOT DETECT.	= NOT DETECTED NOT DETECTED
IONIC IMPURITY - CADMIUM (Cd)	ppb	<= 10	<1
IONIC IMPURITY - CALCIUM (Ca)	ppb	<= 20	<1
IONIC IMPURITY - CHROMIUM (Cr)	ppb	<= 10	<1
IONIC IMPURITY - COBALT (Co)	ppb	<= 10	<1
IONIC IMPURITY - COPPER (Cu)	ppb	<= 10	<1
IONIC IMPURITY - IRON (Fe)	ppb	<= 10	4
IONIC IMPURITY - LEAD (Pb)	ppb	<= 10	<1
IONIC IMPURITY - MAGNESIUM (Mg)	ppb	<= 10	<1
IONIC IMPURITY - MANGANESE (Mn)	ppb	<= 10	<1
IONIC IMPURITY - MOLYBDENUM (Mo)	ppb	<= 10	<1
IONIC IMPURITY - NICKEL (Ni)	ppb	<= 10	<1
IONIC IMPURITY - POTASSIUM (K)	ppb	<= 10	3
IONIC IMPURITY - SELENIUM (Se)	ppb	<= 10	<1
IONIC IMPURITY - VANADIUM (V)	ppb	<= 10	<1
IONIC IMPURITY - ZINC (Zn)	ppb	<= 10	<1
PH AT 25 DEGREES C		Inclusive Between 5.4 - 7.0	5.9
PROTEASE		DETECTED/ NOT DETECT.	= NOT DETECTED NOT DETECTED
RNASE		DETECTED/ NOT DETECT.	= NOT DETECTED NOT DETECTED



Harout Sahagian  
QC Manager

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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