

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 | 261371 |
| Description | WATER, MOLECULAR BIOLOGY GRADE |
| CAS Number | 7732-18-5 |
| Quality Test/Release Date | 15/Jun/2026 |
| Suggested retest date | 14/Jun/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 | <2 |
| 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 | <1 |
| 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 | 8 |
| 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 | 6.2 |
| 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.

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