Fisher Scientific L.L.C. US
755 US Highway
Route 202, Bridgewater,
NJ 08807, United States of America

# 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 | J77507 |
| Lot Number | 00006600 |
| Description | BETAINE, 5M SOLUTION, MOLECULAR BIOLOGY GRADE, ULTRAPURE |
| CAS Number | 107-43-7,7732-18-5 |
| Quality Test/Release Date | 21/Sep/2026 |
| Expiration Date | 31/Jul/2028 |
| Country of Origin | Lithuania |
| Declaration of Origin | Organic - Plant |
| BSE/TSE | Not derived from either human or animal sources and does not include any components derived from human or animal sources in its final formulation. This statement does not imply that the equipment or workspace used in the manufacture of this product is dedicated to animal-free production |

| Result Name | Units | Specifications | Test Value |
|---|---|---|---|
| APPEARANCE | | REPORT | N/A |
| DOUBLE-STRANDED (ENDONUCLEASE) | PASS/FAIL | = PASS TEST | PASS TEST |
| DOUBLE-STRANDED (EXONUCLEASE) | PASS/FAIL | = PASS TEST | PASS TEST |
| FUNCTIONAL TEST | PASS/FAIL | = PASS TEST | PASS TEST |
| RNASE | PASS/FAIL | = PASS TEST | PASS TEST |
| SINGLE-STRANDED (ENDO) | PASS/FAIL | = PASS TEST | PASS TEST |
| SINGLE-STRANDED (EXONUCLEASE) | PASS/FAIL | = PASS TEST | PASS TEST |

Liam Higgins
Senior Manager, Quality

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.

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.