

## Certificate of Analysis

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

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                         |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | BP2618                                                                                                                                                  | Quality Test / Release Date | 12/11/2024 |
| Lot Number        | 244151                                                                                                                                                  |                             |            |
| Description       | ISOPROPANOL, MOLECULAR BIOLOGY GRADE                                                                                                                    |                             |            |
| Country of Origin | Canada                                                                                                                                                  | Suggested Retest Date       | Dec/2029   |
| Chemical Origin   | Organic - synthetic                                                                                                                                     |                             |            |
| BSE/TSE Comment   | This product is produced entirely from petrochemical sources and does not contain or come into contact with any material of animal or vegetable origin. |                             |            |

| N/A                     |                      |                        |                         |
|-------------------------|----------------------|------------------------|-------------------------|
| Result Name             | Units                | Specifications         | Test Value              |
| APPEARANCE              |                      | REPORT                 | Clear, colorless liquid |
| ACETONE                 | %                    | <= 0.002               | <0.002                  |
| ASSAY                   | %                    | >= 99.9                | 100.0                   |
| COLOR                   | APHA                 | <= 10                  | <5                      |
| DNASE                   | DETECTED/NOT DETECT. | = NOT DETECTED         | NOT DETECTED            |
| EVAPORATION RESIDUE     | %                    | <= 0.001               | 0.000                   |
| FLUORESCENCE BACKGROUND | ppb                  | <= 1                   | <1                      |
| IDENTIFICATION          | CONFORMS TO STANDARD | = CONFORMS TO STANDARD | CONFORMS TO STANDARD    |
| PROPIONALDEHYDE         | %                    | <= 0.002               | <0.002                  |
| PROTEASE                | DETECTED/NOT DETECT. | = NOT DETECTED         | NOT DETECTED            |
| RNASE                   | DETECTED/NOT DETECT. | = NOT DETECTED         | NOT DETECTED            |
| SOLUBILITY IN WATER     | PASS/FAIL            | = PASS TEST            | PASS TEST               |
| TITRATABLE ACID OR BASE | mEq/g.               | <= 0.0001              | 0.0001                  |
| WATER (H2O)             | %                    | <= 0.20                | 0.0                     |



Kalyan Paruchuri - Quality Control Supervisor - Bridgewater

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

If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.