

Certificate of Analysis

Description: **Molecular Biology Grade Water**
Tested to USP Sterile Purified Water Specifications

Catalog #: 46-000-C1

Lot #: 06421002

Expiration Date: 2023-03

Storage: 2-30°C

Country of Manufacture: USA

Notes:

Mediatech, Inc. products are prepared by a validated aseptic sterile filtration process to ensure that all products comply with the industry's Sterility Assurance Level (SAL) of at least 10^{-3} (i.e. demonstrating that a product produced in this manner has no more than 1 random contaminant per 1000 units).


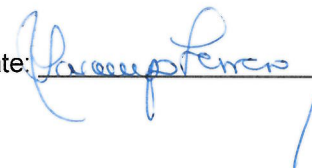
This product was tested in accordance with currently approved Mediatech, Inc. specifications and procedures. Testing procedures are maintained in compliance with the current versions of the USP and/or EP, where applicable.

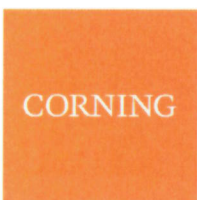
For Research or Further Manufacturing Use Only Not for use in Diagnostic Procedures. Utilization of this product apart from the labeled intended use may be a violation of local and/or Federal Law.

| TEST PARAMETERS | SPECIFICATION | RESULT |
|---|-------------------------------|--------------------------|
| pH | 6.0 ± 1.0 @ 25±1°C | 5.5 @ 25°C |
| Conductivity (after packaging) | Meets USP Requirement | 2 µS/cm @ 25°C |
| Conductivity (before packaging) USP | Test and Report | 0.37 µS/cm @ 85°C |
| Total Organic Carbon (before packaging) USP | Test and Report | 164 ppb |
| Oxidizable Substances | Solution remains faintly pink | Pass |
| DNase | None Detected | None Detected |
| RNase | None Detected | None Detected |
| Protease | None Detected | None Detected |
| Sterility | Pass | Pass |
| Appearance | Clear colorless solution | Clear colorless solution |

For further information, contact Corning Scientific Support at 800-492-1110 or ScientificSupport@corning.com.

Following signatures indicate the above material has met all quality specifications and has been reviewed by a Quality representative.

Written By/Date:  22 Apr 2021 Reviewed By/Date:  / 23 Apr 2021



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