

# Certificate of Analysis

<b>Description:</b>	<b>Molecular Biology Grade Water</b> Tested to USP Sterile Purified Water Specifications	<b>Catalog #:</b>	46-000-CV
		<b>Lot #:</b>	30622004
		<b>Expiration Date:</b>	2024-11
<b>Storage:</b>	<b>2-30°C</b>	<b>Country of Manufacture:</b>	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	5.2 @ 25°C
Conductivity (after packaging)	Meets USP Requirement	2 µS/cm @ 25°C
Conductivity (before packaging) USP	Test and Report	0.15 µS/cm @ 89°C
Total Organic Carbon (before packaging) USP	Test and Report	18 ppb
Total Organic Carbon (after packaging) USP	Meets USP Requirement	177 ppb
DNase	None Detected	Pass
RNase	None Detected	Pass
Protease	None Detected	Pass
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](mailto: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: traci idenon 28 Nov 2022

Reviewed By/Date: [Signature] 29 Nov 2022



Mediatech, Inc.  
A Corning Subsidiary  
9345 Discovery Boulevard  
Manassas, VA 20109  
1-800-492-1110  
[www.corning.com](http://www.corning.com)