

Certificate of Analysis

Description: 0.25% Trypsin
2.21mM EDTA, 1X
[-] sodium bicarbonate

Catalog #: 25-053-CI
Lot #: 27524003
Expiration Date: 2025-10
Country of Manufacture: USA

Storage: -25 to -15°C

Notes:

Mediatech, Inc. products are prepared by a validated aseptic sterile filtration (0.1 µm) 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 Use Only Not for use in diagnostic or therapeutic procedures. Utilization of this product apart from the labeled intended use may be a violation of local and/or Federal Law.

Trypsin has a pH specification range from 7.2 to 8.0. At this range, phenol red inclusion gives the solution a pink color. During shipping, the trypsin might change color from pink to yellow due to exposure to carbon dioxide released from the dry ice in the shipping container. In our experience, this discoloration does not affect the functionality of the trypsin. By adjusting the pH to 7.2 – 8.0 with NaOH the trypsin activity could be restored.

TEST PARAMETERS	SPECIFICATION	RESULT
pH	7.6 ± 0.4	7.5
Osmolality	285 ± 20 mOsm/kg H ₂ O	287 mOsm/kg H ₂ O
Sterility	Pass	Pass
Trypsin Activity VERO, MRC-5	Pass	Pass
Mycoplasma	Tested Negative (trypsin raw material lots)	Negative
Porcine Parvovirus and Circovirus (9CFR testing)	Not detected (trypsin precursor lots)	Pass
E-beam Irradiation	Minimum of 25 kGy (trypsin precursor lots)	Pass

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: PH 22 Oct 2024

Reviewed By/Date: [Signature] 22 Oct 2024



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