

Certificate of Analysis

Product Description: Medium 199 (modified) with Hanks' Salts with Glutamine without Sodium Bicarbonate

Catalog Number: 1023120; 1023122; 1023124

Lot: YC12020

Formula : N/A

CAS #: N/A

Physical Description: Off-White to Orange Powder

Formula Weight: N/A

Storage: 2 - 8 °C

Test	Specification	Result
Moisture Content	<1.5%	1.2%
Osmolality (without Sodium Bicarbonate)	275 - 315 mOsm	289 mOsm
pH (without Sodium Bicarbonate)	4.5 - 6.0	5.1
pH (adjusted with Sodium Bicarbonate)	6.7 - 7.1	6.9
Solubility	Passes	Passes
Functionality Test	Passes	Passes

Recommended Retest Date(MM/DD/YYYY): 12/16/2024

12/29/2022 - Lily Liu
MP Biomedicals, LLC.
QM

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