

Certificate of Analysis

Product Description: HEPES, free acid, cell culture reagent

Catalog Number: 194549

Lot: CC10006

Formula : C₈H₁₈N₂O₄S

CAS #: 7365-45-9

Physical Description: White to Off-white Powder

Formula Weight: 238.3

Storage: desiccate, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	>98%	100.2%
OD250 (10% aq soln)	<0.2	0.049
OD260 (10% aq soln)	<0.1	0.031
OD280 (10% asoln)	<0.1	0.02711
pH (1% aq soln)	4.0 - 5.5	5.13
Moisture	<1.0%	0.1%
Solubility (10% aq soln)	Clear, Colorless Solution	Clear, Colorless Solution

Heavy Metals: Max.5 ppm

Recommended Retest Date (MM/DD/YYYY): 05/18/2025



10/14/2022 - Lily Liu
MP Biomedicals, LLC.
QM

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