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Certificate of Analysis

Product Description : HEPES, free acid, molecular biology reagent
Catalog Number : 194827
Lot: S7850**Formula:** $C_8H_{18}N_2O_4S$ **CAS #:** 7365-45-9**Physical Description :** White Powder**Formula Weight:** 238.3**Storage:** 15 - 30°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.6%
OD250 (10% aq soln)	<0.2	0.025
OD260 (10% aq soln)	<0.1	0.010
OD280 (10% aq soln)	<0.1	0.006
pH (1% aq soln)	4.0 - 5.5	5.00
Moisture	<1.0%	0.1%
Solubility (10% aq soln)	Clear, Colorless Solution	Clear, Colorless Solution

Heavy Metals (as Pb): ≤5 ppm

Recommended Retest Date (MM/DD/YYYY): 06/26/2025

01/12/2022 - John Huang, PhD
MP Biomedicals, LLC.
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