



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: HEPES, free acid, molecular biology reagent.

Catalog Number: 194827.

Lot: R23691.

Formula: C₈H₁₈N₂O₄S

CAS #: 7365-45-9

Physical Description: White Powder

Formula Weight: 238.3

Storage: Room Temperature, desiccate

| Test | Specification | Result |
|--------------------------|---------------------------|---------------------------|
| Identity Test | Passes | Passes |
| Purity | ≥99% | 99.8% |
| OD250 (10% aq soln) | <0.2 | 0.05 |
| OD260 (10% aq soln) | <0.1 | 0.03 |
| OD280 (10% aq soln) | <0.1 | 0.03 |
| pH (1% aq soln) | 4.0 - 5.5 | 5.2 |
| Moisture | <1.0% | 0.3% |
| Solubility (10% aq soln) | Clear, Colorless Solution | Clear, Colorless Solution |

12/18/2007 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

