

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Creatinine anhydrous

Catalog Number: 101423

Lot: 2668A

Formula: C₄H₇N₃O

CAS #: 60-27-5

Physical Description: White powder

Formula Weight: 113.1

Storage: Room temperature

| Test | Specification | Results |
|---------------------|----------------------|----------|
| FTIR | Conforms to standard | Passes |
| Loss on drying | ≤3.0% | 0.03% |
| Residue on ignition | ≤ 0.2% | < 0.01% |
| Heavy metals | ≤0.001% | < 0.001% |
| pH (5% aq) | 8.0- 8.7 | 8.07 |
| Purity | 98.5- 102.0% | 99.8% |

This lot conforms to USP/NF Specifications.

03/31/1998 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)