



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: beta-Nicotinamide Adenine Dinucleotide Reduced Disodium Salt
Catalog Number: 160050
Lot: 3479B

Formula: C₂₁H₂₇N₇O₁₄P₂Na₂
CAS #: 606-68-8
Physical Description: Pale Yellow Powder

Formula Weight: 763.4
Storage: +4°C

| Test | Specification | Result |
|---------------|--|----------------------|
| Identity Test | Passes | Passes |
| Purity | ≥ 98% | 101.5% |
| FTIR | Conforms to Standard | Conforms to Standard |
| UV/VIS | OD 260/340 (H ₂ O)= 2.4 ± 0.4 nm | 2.6 |
| UV/VIS | □ max (H ₂ O) 258-9 nm | 259.5 |
| Water Content | ≤ 6% | 3.4% |
| pH (10% aq) | 7.5-9.5 | 8.17 |


Approved - 01/20/99 by Joe Dietz
MP Biomedicals, LLC.
Technical Director

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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)