



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** beta-Nicotinamide Adenine Dinucleotide Reduced Disodium Salt  
**Catalog Number:** 160050  
**Lot:** 8086C

**Formula:** C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub>Na<sub>2</sub>

**CAS #:** 606-68-8

**Physical Description:** Off-white Powder

**Formula Weight:** 709.4

**Storage:** -0°C, desiccate, protect from light, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	102.2%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS(H <sub>2</sub> O): □ max OD260/OD340	258 - 260 nm 2.0-2.8	258.5 nm 2.2
Water Content	≤ 6%	2.9%
pH (10% aq soln)	7.5 - 9.5	7.5

Approved - 06/06/2000 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)