

**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, Oxidized Form, cell culture reagent

Catalog Number: 194714

Lot: 1981B

Formula: $C_{21}H_{27}N_7O_{14}P_2$

CAS #: 53-84-9

Physical Description: White Powder

Formula Weight: 663.40

Storage: 0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 98\%$	100.4%
pH (1% aq soln)	1 - 3.5	2.51
UV/Vis: $\square$ max (water)	259 ± 3 nm	258.5 nm
OD250/OD260	0.8 ± 0.15	0.82
OD280/OD260	0.2 ± 0.15	0.22

06/19/2000 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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<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)