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Certificate of Analysis

Product Description: beta-Nicotinamide Adenine Dinucleotide Reduced Disodium Salt
Catalog Number: 160050
Lot: 5965H

Formula: $C_{21}H_{27}N_7O_{14}P_2Na_2$ **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%	98.5%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS (water): □ max OD260/OD340	258 - 260 nm 2.0 - 2.8	260 nm 2.23
Water Content	≤9%	7.5%
pH (10% aq soln)	7.5 - 9.5	8.10

OD250/OD260: 0.81

OD280/OD260: 0.23

OD340/OD260: 0.44

Sodium Content: 5.8%

01/28/2005 - Joseph Dietz, Ph.D.

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)

