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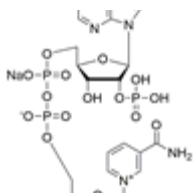
Fax: (630) 766-2218

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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38876
Product	b-Nicotinamide adenine dinucleotide b-NADP-Na Coenzyme II sodium salt
CAS Number	1184-16-3, 698999-85-8
Molecular Formula	C ₂₁ H ₂₇ N ₇ O ₁₇ P ₃ Na
Molecular Weight	765.40
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Appearance	White to off-white powder
Cation	Sodium : 3.0 ± 1.5%
Water Content (Karl Fisher)	≤ 8%
UV Ratios	Ratio at pH 7.5: A250/A260: 0.83 ± 0.03 A280/A260: 0.21 ± 0.02 Ratio when reduced with glucose-6-phosphate dehydrogenase at pH 7.5 A340/A260: 0.43 ± 0.02
Purity	≥ 98% (NADP+ : ≥ 91%)
Grade	Suitable for cell culture
Storage	Store at ≤ -4 °C
Additional Information	Spectral Analysis: 1. ε at 260 nm and pH 7.5 (18.0 ± 0.8) x 10 ³ L/mol/cm 2. ε when reduced with glucose-6-phosphate dehydrogenase at 340 nm and pH 7.5 (6.2 ± 0.3) x 10 ³ L/mol/cm

For Laboratory Use Only