

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00513
Product	β-Nicotinamide adenine dinucleotide
Lot Number	002162-046001
	NADP•2Na•2H ₂ O
CAS Number	24292-60-2
Molecular Formula	C ₂₁ H ₂₆ N ₇ O ₁₇ P ₃ •Na ₂ •2H ₂ O
Molecular Weight	823.4
<hr/>	
Appearance	White to off-white powder
Cation	Sodium : 5.5%
Water Content (Karl Fisher)	4.4%
UV Ratios	Ratio at pH 7.5 : A250/A260 : 0.83 A280/A260 : 0.21 Ratio when reduced with glucose-6-phosphate dehydrogenase at pH 7.5 A340/A260 : 0.42
Purity by UV	97.8%
Storage	Store at ≤ -15 °C
Additional Information	Spectral Analysis : 1. ϵ at 260 nm and pH 7.5 : 17.6×10^3 L/mol/cm 2. ϵ when reduced with glucose-6-phosphate dehydrogenase at 340 nm and pH 7.5 (6.1×10^3 L/mol/cm. NADP ⁺ : 88.1%
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager