

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00616
Product	β-Nicotinamide adenine dinucleotide
Lot Number	002162-050002
	NADPH•4Na
CAS Number	2646-71-1
Molecular Formula	C ₂₁ H ₂₆ N ₇ O ₁₇ P ₃ Na ₄
Molecular Weight	833.4

Appearance	Off-white lyophilized powder
Cation	Sodium : 10.5%
Water Content (Karl Fisher)	6.3%
UV Ratios	1. ϵ at 260 nm and pH 10 : 14.5 x 1000 L/mole/cm 2. ϵ at 340 nm and pH 10 : 6.3 x 1000 L/mole/cm 3. Ratio at pH 10 A ₃₄₀ /A ₂₆₀ = 0.43
Assay	82.8% (NADPH contents)
Purity by UV	99.6%
Storage	Store at < 0 °C
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