

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

Product Specifications

Catalogue Number 49477

Product **b-Nicotinamide adenine dinucleotide
phosphate monosodium salt**

b-NADP·Na

CAS Number 1184-16-3

Molecular Formula C₂₁H₂₇N₇O₁₇P₃Na

Molecular Weight 765.4

Appearance White to pale yellow crystalline powder

Solubility Clear colorless to pale yellow solution at 4% aq. Solution

**Water Content (Karl
Fisher)** ≤ 6%

UV Ratios Spectral ratio
A₂₅₀/A₂₆₀ nm : 0.80 - 0.84
A₂₈₀/A₂₆₀ nm : 0.20 - 0.22

DNase, RNase, Protease Not detected

**Absorbance (1M aq.
Solution)** (pH-7) in a 1cm cell
at 260 nm : 223 - 229

Purity by UV ≥ 98%

Grade Molecular biology grade

Storage Store at ≤ -20 °C

For Laboratory Use Only