

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

 β -Nicotinamide adenine dinucleotide 2'-phosphate reduced tetrasodium salt hydrate - $\geq 93\%$ (HPLC)

Product Number:

N1630

CAS Number:

2646-71-1

MDL:

MFCD00036263

Formula:

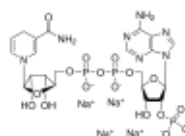
C₂₁H₂₆N₇Na₄O₁₇P₃ · xH₂O

Formula Weight:

833.35 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)

White to Light Yellow

Appearance (Form)

Powder

Solubility (Color)

Very Faint Green-Yellow to Green-Yellow to Yellow

Solubility (Turbidity)

Clear

50 mg/mL, 0.01 N NaOH

Proton NMR Spectrum

Conforms to Structure

Water (by Karl Fischer)

 $\leq 12\%$

Solvent Content (by GC)

 $\leq 5\%$

Sodium (dry basis)

10.0 - 12.0 %

Spectrophotometric Purity

 $\geq 93\%$

(Dry Basis)

Purity (HPLC)

 $\geq 93\%$

Recommended Retest Period

1 year

Specification: PRD.5.ZQ5.10000024384

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.