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Product Specification

Product Name:

 β -Nicotinamide adenine dinucleotide hydrate - $\geq 96.5\%$ (HPLC), $\geq 96.5\%$ (spectrophotometric assay), from yeast

Product Number:

N7004

MDL:

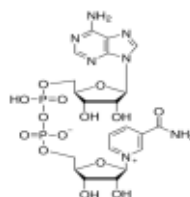
MFCD00036253

Formula Weight:

663.43 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)

White to Off White

Appearance (Form)

Powder

Solubility (Color)

Colorless to Faint Yellow

Solubility (Turbidity)

Clear

50 mg/mL, H₂O

1H NMR Spectrum

Conforms to Structure

Water (by Karl Fischer)

 $\leq 10\%$

Acetone

 $\leq 3\%$

By GC

Purity (HPLC)

 $\geq 96.5\%$

Spectrophotometric Purity

 $\geq 96.5\%$

(dry basis)

Recommended Retest Period

2 Years

Specification: PRD.4.ZQ5.10000011578

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.