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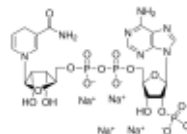
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

β-Nicotinamide adenine dinucleotide 2'-phosphate reduced tetrasodium salt hydrate - ≥97% (HPLC)

Product Number: N7505
Batch Number: SLBX2813
Brand: SIGMA
CAS Number: 2646-71-1
MDL Number: MFCD00036263
Formula: C₂₁H₂₆N₇Na₄O₁₇P₃ · xH₂O
Formula Weight: 833.35 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 06 APR 2018
Recommended Retest Date: APR 2020



Test	Specification	Result
Appearance (Color)	White to Light Yellow	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Very Faint Green-Yellow to Green-Yellow to Yellow	Very Faint Yellow
Solubility (Turbidity)	Clear	Clear
50 mg/mL, 0.01 N NaOH		
Proton NMR Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 12 %	4 %
Solvent Content (by GC)	≤ 5 %	4 %
Sodium (dry basis)	10.5 - 11.6 %	10.6 %
Spectrophotometric Purity	≥ 97 %	98 %
Dry basis		
Purity (HPLC)	≥ 97 %	98 %

Rodney Burbach, Manager
 Analytical Services
 St. Louis, Missouri US

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.