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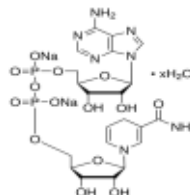
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

β-Nicotinamide adenine dinucleotide, reduced disodium salt hydrate - ≥94% (HPLC)

Product Number: N6005
Batch Number: SLBW1534
Brand: SIGMA
Formula: C₂₁H₂₇N₇Na₂O₁₄P₂ · xH₂O
Formula Weight: 709.40 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 25 OCT 2017



Test	Specification	Result
Appearance (Color)	White to Light Yellow	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Light Yellow to Yellow-Green	Green-Yellow
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
100 mg/mL, 0.01N NaOH		
Sodium (dry basis)	5 - 8 %	6 %
Spectrophotometric Purity	≥ 94 %	99 %
Dry basis		
Water (by Karl Fischer)	≤ 9 %	4 %
Solvent Content (by GC)	≤ 6 %	4 %
Purity (HPLC)	≥ 94 %	97 %

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.