

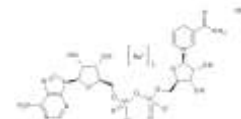


Product Specification

cdhfinechemical.com

β-NICOTINAMIDE ADENINE DINUCLEOTIDE DISODIUM SALT FOR BIOCHEMISTRY

PRODUCT CODE	168735
SYNONYMS	β-NADH, DPNH)
C.I. NO.	--
CASR NO.	(606-68-8)
ATOMIC OR MOLECULARFORMULA	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂ Na ₂
ATOMIC OR MOLECULARWEIGHT	709.46



PROPERTIES

PARAMETER	LIMIT
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Description	White to slightly yellowish amorphous powder.
Solubility	5% solution in water is clear, colourless to slightly yellowish.
Minimum Assay (HPLC)	98.0%
NADH (enzyme.)	Min.84.0%
NADH (absorbance at 340 nm; ε = 6.3 [1 x mmol ⁻¹ x cm ⁻¹])	Min.84.0%
NADH (absorbance at 260 nm; ε = 14.3 [1 x mmol ⁻¹ x cm ⁻¹])	Min.85.0%
Reaction rates (LDH); based on standard sample dissolved freshly	95 – 105%
Absorbance Ratio	
A260/A340:	Max. 2.40
A260/A240:	1.57 – 2.17

MAXIMUM LIMIT OF IMPURITIES

AMP (enzyme.)	0.20%
Ethanol (GC)	4.0 %
NAD (enzyme.)	1.00%
Sodium (Na)	6.5 ± 0.5 %
Water (by KF)	6.0%

Note(s) :Assay (if applicable) method mentioned.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention : -----

Response : ---

Disposal : The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :

IMDG Code :

UN No. :

IATA :

Replace Date 13-Jan-2023