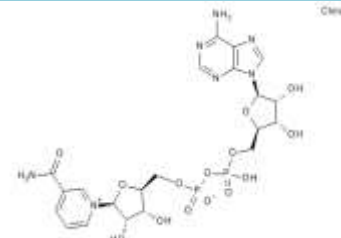


β-NICOTINAMIDE ADENINE DINUCLEOTIDE FOR BIOCHEMISTRY

PRODUCT CODE	168715
SYNONYMS	(β-NAD,DPN) (NAD free acid)
C.I. NO.	--
CASR NO.	(53-84-9)
ATOMIC OR MOLECULAR FORMULA	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
ATOMIC OR MOLECULAR WEIGHT	663.44
PROPERTIES	Very hygroscopic. Freely soluble in water without residue.



PARAMETER LIMIT

Description	White to off-white powder or solid
Solubility	5% solution in water is clear and colourless to slightly yellowish.
Minimum Assay (HPLC)	95.0%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell @260 nm	255-270
Spectral Ratio	
A250/A260	~0.82
A280/A260	~0.21

MAXIMUM LIMIT OF IMPURITY

Water (byK/F)	8%
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Note(s) :Assay (if applicable) method mentioned.

WARNING

Hazard statements :Nothazardous.Nohazards.

Precautionarystatements

Prevention:-----

Response:---

Disposal:Thechemical shouldbemixedcombustiblesolventandburntinachemicalincineratorequippedwith burnerandscrubber.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :

Replace date 15-July-2025