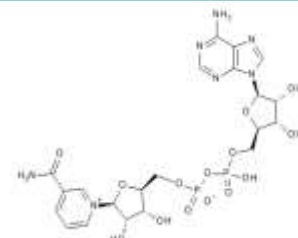


NICOTINAMIDE ADENINE DINUCLEOTIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	962680
SYNONYMS	(β-NAD,DPN)
C.I. NO.	--
CASR NO.	(53-84-9)
ATOMIC OR MOLECULARFORMULA	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
ATOMIC OR MOLECULARWEIGHT	663.44
PROPERTIES	Very hygroscopic. Freely soluble in water without residue.



PARAMETER	LIMIT
Description	Colourless to slightly yellowish lyophilized substance.
Solubility	10% aq. solution is clear & colourless to pale yellow .
Minimum Assay(UV)	98.0%
pH (1% aq. Solution)	2.5 -3.0
Absorbance (A) of 1 % aq. Solution (pH 7.0) In a 1cm cell @ 260nm	255 - 270
Spectral Ratio (A250nm/A260 nm)	About 0.82
(A280nm/A260 nm)	About 0.21

MAXIMUM LIMIT OF IMPURITIES

Water (KF)	7%
DNase, RNase, Protease	Not detected

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

WARNING-- Hazard statements :-- Precautionarystatements Prevention:----- Response:--- Disposal:--	IMDG Code : UN No. : IATA :
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Hazard Pictogram(s) :