



β-NICOTINAMIDE ADENINE DINUCLEOTIDE FOR BIOCHEMISTRY

DUCT CODE	R08372
ONYMS	(β-NAD,DPN) (NAD free acid)
IO.	--
R NO.	(53-84-9)
MIC OR MOLECULARFORMULA	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
MIC OR MOLECULARWEIGHT	663.44
PERTIES	Very hygroscopic. Freely soluble in water without residue.
AMETER	LIMIT
ription	Colourless to slightly yellowish lyophilized substance.
ibility	20% solution in water is clear, colourless to slightly yellowish.
imum Assay(UV)	98.0%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	
0 nm	255-270
tral Ratio	
A250/A260	~0.82
D/A260	~0.21
IMUM LIMIT OF IMPURITIES	
er (byK/F)	3.5%
one (GC)	0.1%
(enzyme)	0.1%
ol(GC)	0.004%
ropanol (GC)	0.15%
(Fe)	0.0025%
hanol	0.15%
(s) :Assay (if applicable) method mentioned.	
ARNING	5 Code :UN
ard statements :Nothazardous.Nohazards.	No. :
Precautionarystatements	:
ention:----	
onse:---	
osal:Thechemical shouldbemixedcombustiblesolventandburntinachemicalincineratorequippedwith	
erandscrubber.	
rd Pictogram(s) :	
	GHS05 GHS07

place Date 1 April 2023

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