

Product Specification

Product Name: NAD free acid

β -Nicotinamid-Adenin-dinucleotid

Item Nr.: 1013 MW: 663.4 g/mol C21H27N7O14P2
 CAS Nr.: 53-84-9 E.C.Nr.: EINECS: 200-184-4

Parameter	Method	Specification	Unit
Appearance	visual	white to yellow lyophilisate	
Solubility	20% in H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	Enzyme-based on dry weight	>97.5	%
β -NAD	Enzyme 340nm	>94.5	%
β -NAD	HPLC	>95	area%
NAD	abs. 260nm	>94.5	%
A250/A260		0.81 - 0.85	
A280/A260		0.20 - 0.24	
AMP	Enzymatic	<0.1	%
Water	KF	< 3.5	%
Ethanol	GC	<40	ppm
Methanol	GC	<0.15	%
Acetone	GC	<0.1	%
Isopropanol	GC	<0.15	%
Iron (Fe)	AAS	< 25	ppm

Storage: Keep well closed at -20 °C in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 02/27.05.2022