



Spezifikation

Produktbezug:	
Produktnummer	1094617CRVT
Handelsname / Bezeichnung	Beta-Nicotinamide Mononucleotide, tech.
CAS Nummer	1094-61-7
Andere Bezeichnungen / Synonyme	*3-(aminocarbonyl)-1-(5-O-phosphonato-β-D-ribofuranosyl)pyridinium; *[(2R,3S,4R,5R)-5-(3-carbamoyl-1-pyridin-1-iumyl)-3,4-dihydroxy-2-oxolanyl]methyl hydrogen phosphate;
EG Nummer	214-136-5
Molekulargewicht [g/mol]	334.219161
Formel	C ₁₁ H ₁₅ N ₂ O ₈ P

Parameter	Methode	Spezifikation	Einheit
Sensorische PrÄ¼fung			
Aussehen	visuell	weiß bis gelblich	
Geruch	organoleptisch		
Physikalische Parameter			
Form (Agregatzustand)	visuell	Pulver	
Trocknungsverlust	Karl Fisher	≤ 5,0	%
pH-Wert	pH Meter	2,0 – 4,0	
Identifikation			
Gehalt	HPLC(by area)	≥ 98	%
Verunreinigungen			
Schwermetalle (als Pb)	Atomic Absorption	≤ 5	ppm
RestlÄ¼semittel			
RestlÄ¼semittel	GC	Ethanol: ≤ 2	%
Elementare Verunreinigungen			
Arsen (As)	Atomic Absorption	≤ 0,5	ppm
Quecksilber (Hg)	Atomic Absorption	≤ 0,1	ppm
Quecksilber (Hg)	Atomic Absorption	≤ 0,1	ppm
Blei (Pb)	Atomic Absorption	≤ 0,5	ppm
Mikrobiologische Daten			
Aerobe Mikroorganismen	AOAC	≤ 1000	CFU/g
Kolibakterien	AOAC	≤ 100	CFU/g
Escherichia Coli.	AOAC	neg.	/g
Salmonellen	AOAC	neg.	
Schimmel und Hefe	AOAC	≤ 100	CFU/g
PartikelgrÄ¼enverteilung			
Partikel		< 80 mesh: ≤ 100	%

ZusÄ¼tzliche Angaben:

Mindesthaltbarkeit: 2 Jahre

Lagerbedingungen: Trocken und lichtgeschützt lagern bei - 20°C.

regionaler Ursprung: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Oct. 2020

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