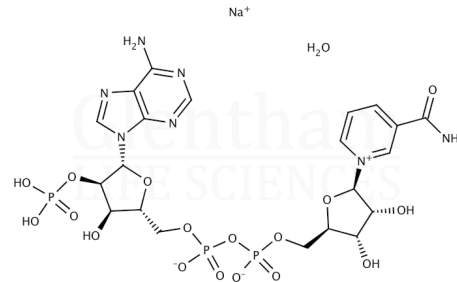


## Certificate of Analysis

Product Name	beta-Nicotinamide adenine dinucleotide phosphate sodium salt hydrate
Glentham Code	GL2728
CAS Number	698999-85-8
MDL Number	MFCD00150480
Additional CAS	1184-16-3 (anhydr.)
PubChem SID	310277759
Batch Number	162EKY
Molecular Weight	765.39 (anhydrous)
Molecular Formula	$C_{21}H_{27}N_7NaO_{17}P_3 \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification	Batch 162EKY
Physical Description	White to light-yellow crystalline powder	Conforms
pH (10% in water)	2.0 - 4.0	3.43
Sodium (Na)	1.5 - 4.5 %	3.64%
Water	≤ 7.0%	4.5%
Purity (Enzymatic)	≥ 93.0% (dried basis, Na free)	98.4%
Purity (HPLC)	≥ 95.0%	98.1%

Specification Version	v1.2
Manufacture Date	2021-07-29
Re-Test Date	2028-09-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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