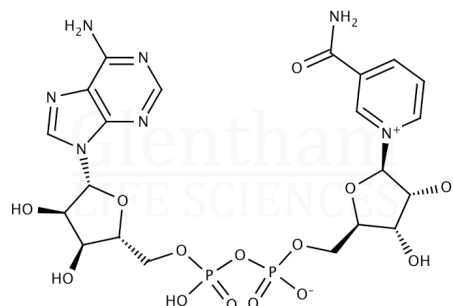


## Certificate of Analysis

Product Name	beta-Nicotinamide adenine dinucleotide
Glentham Code	GV0860
CAS Number	53-84-9
EINECS	200-184-4
MDL Number	MFCD00036253
PubChem SID	310277407
Batch Number	560LBG
Molecular Weight	663.43 (anhydrous)
Molecular Formula	$C_{21}H_{27}N_7O_{14}P_2$
Storage Temp.	-20°C



Property	Specification	Batch 560LBG
Physical Description	White to light yellow crystalline powder	White crystalline powder
pH (10% in water)	2.0 - 4.0	2.5
Sodium (Na)	≤ 1.0%	≤ 0.1%
Water	≤ 8.0%	2.1%
Purity (Enzymatic)	≥ 90.0% (dried basis)	99.2%
Purity (HPLC)	≥ 95.0%	99.6%

Specification Version	v1.1
Manufacture Date	2023-11-29
Re-Test Date	2030-03-11

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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