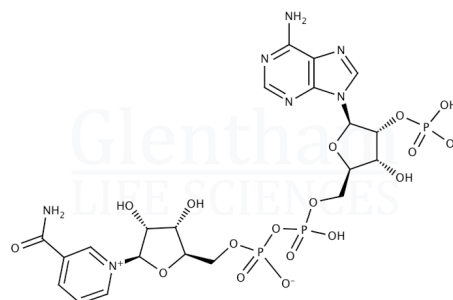


## Product Specification

Product Name	b-Nicotinamide adenine dinucleotide phosphate hydrate
Glentham Code	GN8530
CAS Number	53-59-8
MDL Number	MFCD10567218
PubChem SID	310277756
Molecular Weight	743.41 (anhydrous)
Molecular Formula	$C_{21}H_{28}N_7O_{17}P_3 \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification
Physical Description	White to off-white or light-yellow powder or crystals
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless to faint yellow solution
pH (10% in water)	1.0 - 2.0
Absorbance Ratio	0.75 - 0.90 (A250/A260, pH 7.5)
Absorbance Ratio	0.18 - 0.23 (A280/A260, pH 7.5)
Water (KF)	≤ 6.0%
Purity (HPLC)	≥ 95.0%
Specification Version	- v1.1
Date Created	- 2023-11-15

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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