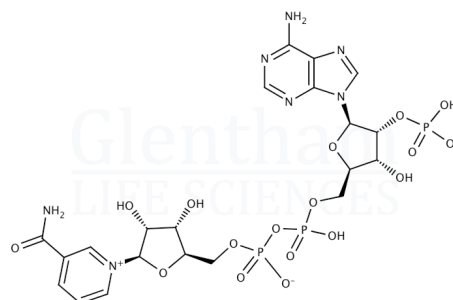


Product Specification

Product Name	b-Nicotinamide adenine dinucleotide phosphate hydrate
Glentham Code	GN8530
CAS Number	53-59-8
MDL-Nummer	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 or contact us using the details above for the current version of this document.

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