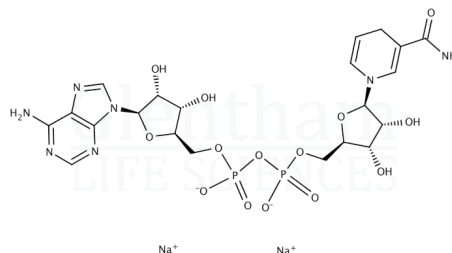


Certificate of Analysis

Product Name	beta-Nicotinamide adenine dinucleotide reduced form, disodium salt
Glentham Code	GK2960
CAS Number	606-68-8
EINECS	210-123-3
MDL Number	MFCD03791273
PubChem SID	310267780
Batch Number	408SVP

Molecular Weight	709.40 (anhydrous)
Molecular Formula	$C_{21}H_{27}N_7Na_2O_{14}P_2$
Storage Temp.	-20°C



Property	Specification	Batch 408SVP
Physical Description	White to light-yellow crystalline powder	White powder
pH (10% in water)	7.0 - 10.0	9.3
Sodium (Na)	5.5 - 7.5 %	6.4%
Water (KF)	≤ 8.0%	2.7%
Assay (Enzymatic)	≥ 90.00% (anhydrous basis)	98.0%
Purity (HPLC)	≥ 95.0%	98.8%

Specification Version	v1.1
Manufacture Date	2024-02-23
Re-Test Date	2032-03-07

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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