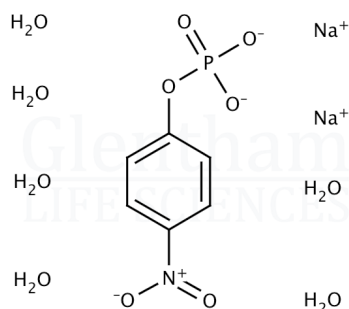


Certificate of Analysis

Product Name	PNPP sodium salt
Glentham Code	GX9577
CAS Number	333338-18-4
MDL Number	MFCD00007319
Additional CAS	4264-83-9
Batch Number	847HDI
Molecular Weight	263.06 (anhydrous)
Molecular Formula	$C_6H_4NNa_2O_6P \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification	Batch 847HDI
Physical Description	Off-white to pale yellow powder or crystals	Pale yellow crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (10% in water)	Clear to slightly turbid, very faint yellow to light yellow-green solution	Conforms
pH (5% in water)	8.0 - 11.0	8.5
Inorganic Phosphates	≤ 1.0%	0.16%
P-Nitrophenol	≤ 0.1%	≤ 0.01%
Water (KF)	28.1 - 31.5 %	28.7%
Assay (HPLC)	≥ 98.0%	99.4%

Specification Version	v1.0
Manufacture Date	2023-04-01
Re-Test Date	2028-06-09

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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