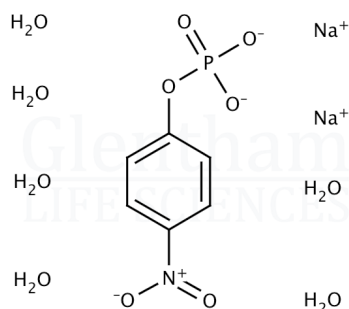


## Certificate of Analysis

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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