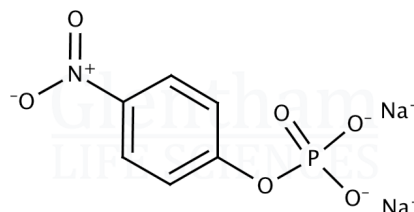


Certificate of Analysis

Product Name	4-Nitrophenyl phosphate disodium salt hexahydrate
Glentham Code	GC2733
CAS Number	4264-83-9
EINECS	224-246-5
MDL Number	MFCD00007319
Additional CAS	333338-18-4
PubChem SID	310278004
Batch Number	371MYJ

Molecular Weight	371.15
Molecular Formula	$C_6H_4NNa_2O_6P \cdot 6H_2O$
Storage Temp.	-20°C



Property	Specification	Batch 371MYJ
Physical Description	Off-white to light-yellow crystalline powder	Light-yellow crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility	Freely soluble in water	Freely soluble in water
pH (5% in water)	8.0 - 10.5	9.7
Impurities	Free Inorganic Phosphates: $\leq 1.0\%$	0.2%
	PNP: $\leq 0.0050\%$	0.0047%
Molar Absorptivity	≥ 9600 (312nm)	9702
Water	27.0 - 31.5 %	29.5%
Assay (HPLC)	$\geq 98.0\%$	99.4%

Specification Version	v1.1
Manufacture Date	2023-10-01
Re-Test Date	2028-11-23

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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