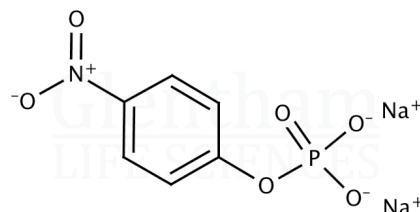


Certificate of Analysis

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	599ABQ



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

Property	Specification	Batch 599ABQ
Physical Description	Off-white to light-yellow crystalline powder	Light-yellow crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility	Freely soluble in water	Conforms
pH (5% in water)	8.0 - 10.5	9.4
Impurities	Free Inorganic Phosphates: $\leq 1.0\%$	0.3%
	PNP: $\leq 0.0050\%$	0.0048%
Molar Absorptivity	≥ 9600 (312nm)	10124
Water	27.0 - 31.5 %	31.5%
Assay (HPLC)	$\geq 98.0\%$	99.9%

Specification Version	v1.1
Manufacture Date	2025-02-14
Re-Test Date	2029-12-20

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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