



Specification

p-Nitrophenyl Phosphate Disodium Hexahydrate

Catalog Number: NP1004
CAS Number: 4264-83-9
Synonym(s): Disodium 4-nitrophenyl phosphate hexahydrate, di-Sodium 4-nitrophenyl phosphate, pNPP disodium hexahydrate
Molecular Formula: $C_6H_4NNa_2O_6P \cdot 6H_2O$
Molecular Weight: 371.14
Storage: 2°C – 8°C
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	Off-white to pale yellow powder
Purity (HPLC)	≥ 99%
Identification (FTIR)	To match reference spectra
Solubility (5%)	Clear, colorless to faint yellow
Extinction Coefficient (312nm)	≥ 9800
Moisture (KF)	27.6 – 30.5%
p-Nitrophenol	≤ 100ppm
Inorganic Impurities (Phosphate)	≤ 1%

Approved:

Date: May 17, 2018

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