

Product Specification

Product Name: pNPP disodium Hexahydrate
para-Nitrophenyl Phosphat

Item Nr.: 1026 MW: 371.14 g/mol C₆H₄NO₆PNa₂·6H₂O
CAS Nr.: 333338-18-4 E.C.Nr.: EINECS: 224-246-5

Parameter	Method	Specification	Unit
Appearance	visual	white to yellow crystalline solid	
Solubility	1% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	3 - 6	
Free inorganic phosphate		<1.0	%
Molar absorption coefficient	acc. to Lambert-Beer law, ε _{max} 312nm	> 9600	
pH	1% in H ₂ O	8.0 - 10.0	
p-Nitrophenol	JP XV (9.41)	<0.1	%
Stability test	acc. to CPMP in line w/ EMA: ΔOD after 14 days	< 0.025	AU
Water	KF	27.0 - 31.0	%

Storage: Keep well closed at -20 °C under protective gas in dark and dry place along with inert desiccants.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/11.03.2019