

# Specification

## Technical Data Sheet

<b>Product Name</b>	4-Nitrophenyl phosphate disodium salt hexahydrate (PNPP)
<b>Product No</b>	35359763
<b>CAS Number</b>	4264-83-9
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	371.14

### Specification

<b>Appearance</b>	Off-white to light yellow coloured crystalline powder
<b>Purity (HPLC)</b>	≥98.0%
<b>Free Inorganic Phosphates</b>	≤ 1.0%
<b>pH (5% solution)</b>	8.0 - 10.5
<b>Solubility</b>	Freely soluble in water
<b>Identification (IR)</b>	Conforms to Reference
<b>Moisture Content</b>	28.0 - 31.5%

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**Molar Absorptivity**  $\geq 9,600$

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**PNP content(by HPLC)**  $\leq 100$  ppm

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