

# Chem-Impex International, Inc.

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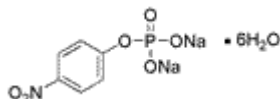
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	00655
<b>Product</b>	<b>4-Nitrophenyl phosphate disodium salt</b> p-Nitrophenyl phosphate disodium hexahydrate pNPP-2Na
<b>CAS Number</b>	4264-83-9 / 333338-18-4
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>4</sub> NNa <sub>2</sub> O <sub>6</sub> P•6H <sub>2</sub> O
<b>Molecular Weight</b>	371.1

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<b>Appearance</b>	Off-white to pale yellow tinge crystalline powder
<b>Appearance of Solution</b>	Clear colorless to yellow solution (5% in water)
<b>Solubility</b>	Freely soluble in water
<b>Water Content (Karl Fisher)</b>	27.5 - 30.5%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Inorganic Impurities</b>	≤ 1% (Phosphate)
<b>Related Substances</b>	p-Nitrophenol : ≤ 100 ppm
<b>Assay</b>	98 - 101% (HPLC)
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at ≤ -4 °C
<b>Additional Information</b>	E <sub>max</sub> <sup>312</sup> : ≥ 9800 (0.01 N NaOH)

**For Laboratory Use Only**