



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number BIO-305  
Lot Number 002290-010621  
Product **4-Nitrophenyl phosphate disodium salt  
hexahydrate**

p-Nitrophenyl phosphate disodium hexahydrate

CAS Number 4264-83-9 / 333338-18-4  
Molecular Formula  $C_6H_4NNa_2O_6P \cdot 6H_2O$   
Molecular Weight 371.1

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Appearance	Off-white to pale yellow tinge crystalline powder
Appearance of Solution	Clear light yellow solution (5% in water)
Solubility	Freely soluble in water
Water Content (Karl Fisher)	29.95%
Infrared Spectrum	Conforms to structure
Inorganic Impurities	0.16% (Phosphate)
Related Substances	p-Nitrophenol : 30 ppm
Assay	100.4% (HPLC)
Purity by HPLC	99.6%
Storage	Store at $\leq -4$ °C
Additional Information	$E_{max}^{312}$ : 10196 (0.01 N NaOH)

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