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Certificate of Analysis

Catalogue Number	00655
Lot Number	002290-010224
Product	4-Nitrophenyl phosphate disodium salt p-Nitrophenyl phosphate disodium hexahydrate pNPP-2Na
CAS Number	4264-83-9 / 333338-18-4
Molecular Formula	C ₆ H ₄ NNa ₂ O ₆ P•6H ₂ O
Molecular Weight	371.1

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)	29.50%
Infrared Spectrum	Conforms to structure
UV Ratios	E _{max} ³¹² : 10102 (0.01N NaOH)
Inorganic Impurities	0.42% (Phosphate)
Related Substances	p-Nitrophenol : 50 ppm
Assay	99.40% (HPLC)
Purity by HPLC	99.31%
Storage	Store at ≤ -4 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager