



Specification

4-Nitrophenyl Phosphate Disodium Salt Hexahydrate

CAS Number: 4264-83-9; 333338-18-4
Molecular Formula: C₆H₄NO₆PNa₂ • 6H₂O
Molecular Weight: 371.1
Storage: -20°C

| Test | Specification |
|---|---|
| Appearance: | Off White or Pale Yellow Crystalline Powder |
| Assay (Chemical): | ≥ 99.00 - 101.0 % |
| Assay (HPLC): | ≥ 99.00 % |
| Chromatographic Purity : | ≥ 99.00 % |
| Clarity of Solution (5% in Water): | Clear, light Yellow Solution |
| Epsilon Value @312 nm (0.01 N NaOH): | ≥ 9800 % |
| Free Inorganic Phosphate (AS PO ₄): | ≤ 1.0 % |
| Identification: | Pass Test |
| Moisture Content (%w/w): | 27 - 30 % |
| pH: | 8.5 - 10.5 |
| p-Nitrophenol: | ≤ 100 ppm |
| Solubility: | Free Soluble in water |

Approved:

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