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Certificate of Analysis

| | |
|---------------------------------|--|
| Product | 88485 - p-Nitrophenylphosphate Disodium Salt Hexahydrate (PNPP) Crystalline Reagent Grade, 99% - [333338-18-4/4264-83-] |
| Batch No | 5513174 |
| Analysis Date | 14-Mar-2024 |
| Date of Manufacture | March 2024 |
| Expiry Date/Re-Test Date | March 2029 |
| Molecular Formula | C ₆ H ₄ NO ₆ PNa ₂ .6H ₂ O |
| Molecular Weight | 371.15 |

| Test Parameters | Standards | Actual Results |
|---|----------------------|--------------------|
| Appearance (Colour) | White to pale yellow | Pale yellow |
| Appearance (Form) | Crystalline powder | Crystalline powder |
| Solubility (Turbidity) 10% aq. solution | Clear | Clear |
| Solubility (Colour) 10% aq. solution | Pale yellow | Pale yellow |
| Assay (UV) | min. 99% | 99.3% |
| pH (10% aq. solution) | 7.0 - 9.0 | 8.9 |
| Chloride (Cl) | max. 0.01% | Passes |
| Phosphate (P) | max. 0.2% | Passes |
| Iron (Fe) | max. 0.001% | Passes |
| Heavy Metals (Pb) | max. 0.0002% | Passes |
| p-Nitrophenol | max. 0.02% | Passes |
| Water (KF) | 27 - 30% | 28.8% |

FRM/82/11/4/88485 Rev No. 2 Date 28/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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