

Certificate of Analysis

Date of Testing: 2022-07-03 15:09:26
Date of Next Testing: 2026-07-02 15:09:26
Product Name: **Potassium phosphate dibasic anhydrous**
CAS Number: 7758-11-4
Specifications & Purity: for HPLC, $\geq 99.0\%$ (T)
Lot #: F2223353
SKU #: **P112221**
Analysis: 098739
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Loss on drying(130°C) | 0-1 (%) | 0.05 % |
| UV Absorbance 240nm | 0-0.12 | 0.10 |
| UV Absorbance 230nm | 0-0.15 | 0.10 |
| UV Absorbance 250nm | 0-0.11 | 0.01 |
| UV Absorbance 310nm | 0-0.05 | 0.03 |
| Purity (T) | 99-100 (%) | 99.30 % |
| UV Absorbance 500nm | 0-0.02 | 0.01 |
| PH(20 °C, 10% in Water) | 8.7-9.3 | 9.00 |
| Appearance (P112221) | white powder | White powder |
| Solubility in H ₂ O , soluble 0.1 g/mL at 25 °C, clear, colorless | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |
| λ , 10% in H ₂ O | Pass | Pass |



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