

Certificate of Analysis

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|--------------------------|---------------------------------------|
| Date of Testing: | 2023-11-30 17:08:17 |
| Date of Next Testing: | 2026-11-29 17:08:17 |
| Product Name: | Potassium dihydrogen phosphate |
| CAS Number: | 7778-77-0 |
| Specifications & Purity: | Premium pure, Suitable for Analysis |
| Lot #: | K2329345 |
| SKU # | P434013 |
| Version | 1 |
| Analysis #: | 290417 |
| Storage Temperature: | Room temperature |

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Chloride (Cl-) | 0-0.0005 (%) | 0.00 % |
| Sulfate(SO4) | 0-0.003 (%) | 0.00000 % |
| Total Nitrogen | 0-0.001 (%) | 0.00 % |
| Heavy metals(as Pb) | 0-0.001 (%) | 0.00 % |
| Arsenic(As) | 0-0.0002 (%) | 0.00000 % |
| Copper(Cu) | 0-0.0003 (%) | 0.00 % |
| Iron(Fe) | 0-0.001 (%) | 0.00 % |
| Lead(Pb) | 0-0.001 (%) | 0.00 % |
| Loss on drying(130°C) | 0-0.2 (%) | 0.08 % |
| Sodium(Na) | 0-0.02 (%) | 0.01 % |
| Assay(alkalimetric , calculated on dried substance) | 99.5-100.5 (%) | 99.51000 % |
| pH-value (5 %; water) | 4.2-4.5 | 4.48000 |
| Appearance(P434013) | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager