

Certificate of Analysis

Date of Testing: 2024-03-25 11:26:30
Date of Next Testing: 2027-03-25 11:26:30
Product Name: **Potassium dihydrogen phosphate**
CAS Number: 7778-77-0
Specifications & Purity: Premium pure, Suitable for Analysis
Lot #: C2420060
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