

## Certificate of Analysis

Date of Testing:	2023-11-30 17:07:39
Date of Next Testing:	2026-11-29 17:07:39
Product Name:	<b>Potassium dihydrogen phosphate</b>
CAS Number:	7778-77-0
Specifications & Purity:	Premium pure, Suitable for Analysis
Lot #:	K2329373
SKU #	<b>P434013</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>290417</b>
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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager