

Certificate of Analysis

Compound Information

Product Name:	Potassium dihydrogen phosphate, 99.5%
Cat. No.:	1043074
CAS No.:	7778-77-0
Molecular Formula:	H ₂ KO ₄ P
Molecular Weight:	136.09
Chemical Structure:	



Batch Information

Batch No.:	L415361
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2024-04-26
Retest Date:	2027-04-25
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	Colorless to off-white (Solid)	Colorless (Crystalline)
Assay, ω/%:	≥99.5	99.6
pH(50 g/L 25°C):	4.2-4.5	4.4
Clarity Test:	Qualified	Qualified
Sulfate(SO ₄), ω/%:	≤0.003	0.0025
Chloride(Cl), ω/%:	≤0.001	0.00085
Iron(Fe), ω/%:	≤0.001	0.0006
Loss On Drying, ω/%:	≤0.2	qualified
Total Nitrogen(N), ω/%:	≤0.001	qualified
Arsenic(As), ω/%:	≤0.0005	qualified
Sodium(Na), ω/%:	≤0.02	qualified
Heavy Metals(as Pb), ω/%:	≤0.001	qualified
Water Insoluble Substance, ω/%:	≤0.002	qualified
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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