

## Certificate of Analysis

### Compound Information

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



### Batch Information

Batch No.:	Lg1123339972
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2023-11-23
Retest Date:	2026-11-22
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (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 <sub>4</sub> ), ω/%:	≤0.003	0.0027
Chloride(Cl), ω/%:	≤0.001	0.0008
Iron(Fe), ω/%:	≤0.001	0.0009
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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