

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00746
Lot Number	001920-01512
Product	Potassium phosphate monobasic, anhydrous

Monopotassium phosphate

Potassium dihydrogen phosphate

CAS Number	7778-77-0
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Molecular Formula	KH ₂ PO ₄
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Molecular Weight	136.09
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Appearance	White crystalline powder
Solubility	33 g in 100 mL water at 25 °C
Melting Point	253 °C (Approx.)
Heavy Metals	< 0.001% (as Pb)
Anion	Chloride (Cl ⁻): < 0.001% Sulfate (SO ₄ ²⁻): < 0.003%
Cation	Iron (Fe): < 0.002% Sodium (Na): 0.0018%
pH	4.35 (5% solution at 25 °C)
Loss on Drying	0.058% (105 °C / 2h)
Insoluble material	0.003%
Assay by titration	99.36%
Grade	ACS reagent
Application	Buffer solutions
Storage	Store at RT
Additional Information	Identification: Passes test

Certificate of Analysis

Catalog Number: 00746

Lot Number: 001920-01512

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager