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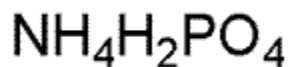
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 30074

Product

Ammonium phosphate monobasic

Ammonium dihydrogen phosphate

Phosphoric acid monoammonium salt

CAS Number 7722-76-1

Molecular Formula $\text{NH}_4\text{H}_2\text{PO}_4$

Molecular Weight 115

Appearance White crystals

Melting Point 190 °C (Approx.)

Heavy Metals ≤ 5 ppm (as Pb)

Anion
Chloride (Cl^-): ≤ 5 ppm
Nitrate (NO_3^-): $\leq 0.001\%$
Sulfate (SO_4^{2-}): $\leq 0.01\%$

Cation
Iron (Fe): $\leq 0.001\%$
Calcium (Ca): $\leq 0.001\%$
Magnesium (Mg): $\leq 0.0005\%$
Potassium (K): $\leq 0.005\%$
Sodium (Na): $\leq 0.005\%$

pH 3.8-4.4 (5% solution)

Insoluble material $\leq 0.005\%$

Assay by titration $\geq 98.0\%$

Grade ACS reagent

Application Used as buffer solutions.

Storage Store at RT

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For Laboratory Use Only