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Certificate of Analysis

Catalogue Number	01213
Product	Ammonium phosphate monobasic
Lot Number	41117
	Ammonium dihydrogen phosphate
	Phosphoric acid monoammonium salt
CAS Number	7722-76-1
Molecular Formula	NH ₄ H ₂ PO ₄
Molecular Weight	115

Solubility	1 g in 10 mL water at 25 °C
Heavy Metals	≤ 5 ppm (as Pb)
Trace Metal Analysis	Iron (Fe) : ≤ 0.001% Arsenic (As): ≤ 0.5 ppm
Anion	Chloride (Cl ⁻): ≤ 5 ppm Nitrate (NO ₃ ⁻): ≤ 0.001% Sulfur compounds (SO ₄ ²⁻): ≤ 0.005%
Cation	Potassium (K): ≤ 0.005% Sodium (Na): ≤ 0.005%
pH	4.2 (5% solution)
Ammonium Hydroxide	≤ 0.005%
Precipitate	
Insoluble material	≤ 0.005%
Assay	99.46%
Storage	Store at RT

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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