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Product Specifications

NH₄Cl

Catalogue Number	01207
Product	Ammonium chloride
CAS Number	12125-02-9
Molecular Formula	NH ₄ Cl
Molecular Weight	53.49
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Appearance	White crystalline powder
Solubility	39.5 g in 100 mL water at 25 °C
Heavy Metals	≤ 5 ppm (as Pb)
Anion	Sulfate (SO ₄) : ≤ 0.002% Phosphate (PO ₄) : ≤ 2 ppm
Cation	Calcium (Ca) : ≤ 0.001% Magnesium (Mg) : ≤ 5 ppm Iron (Fe) : ≤ 2 ppm
pH	4.5 - 5.5
Insoluble material	≤ 0.005%
Assay by titration	≥ 99.5%
Grade	ACS reagent
Storage	Store at RT
Additional Information	Residue after ignition : ≤ 0.01%

For Laboratory Use Only