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Product Specifications

NH₄Br

Catalogue Number 01205

Product **Ammonium bromide**

CAS Number 12124-97-9

Molecular Formula NH₄Br

Molecular Weight 97.94

Appearance White crystalline powder

Heavy Metals ≤ 5 ppm (as Pb)

Anion Bromate (BrO₃⁻): ≤ 0.002%
Chloride (Cl⁻): ≤ 0.2%
Iodide (I⁻): To pass test
Sulfate (SO₄²⁻): ≤ 0.005%

Cation Barium (Ba): ≤ 0.002%
Iron (Fe): ≤ 5 ppm

pH 4.5-6.0 (5% aqueous solution @ 25 °C)

Insoluble material ≤ 0.005%

Assay by titration ≥ 99.0%

Grade ACS reagent

Application It is used in photochemical reactions; precipitation of silver salts.

Storage Store at RT

Additional Information Sublimation point: 542 °C
Residue after ignition: ≤ 0.01%

For Laboratory Use Only