

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01210
Lot Number	000045-1050814-0900
Product	Ammonium iodide
CAS Number	12027-06-4
Molecular Formula	NH ₄ I
Molecular Weight	144.9

Appearance	White to light yellow crystalline powder
Solubility	170 g in 100 mL water at 20 °C
Heavy Metals	0.0001% (as Pb)
Anion	Chloride and bromide (as Cl): 0.005% Sulfate (SO ₄ ²⁻): 0.025% Phosphate (PO ₄ ³⁻): 0.001%
Cation	Iron (Fe): 1 ppm Barium (Ba): < 0.0001%
Insoluble material	0.0012%
Assay by titration	100.26%
Grade	ACS reagent
Application	It is used in photographic chemicals and some medications. It is a catalyst for dethioacetalization reaction.
Storage	Store at RT
Additional Information	When heated, it partly decomposes and partly sublimes. Residue after ignition: 0.0085%
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