

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01207
Lot Number	000331-29829
Product	Ammonium chloride

CAS Number	12125-02-9
-------------------	------------

Molecular Formula	NH ₄ Cl
--------------------------	--------------------

Molecular Weight	53.49
-------------------------	-------

Appearance	White crystalline powder
Solubility	39.5 g in 100 mL water at 25 °C
Melting Point	335 °C (Approx.) (Sublimation Point)
Heavy Metals	4 ppm
Anion	Sulfate (SO ₄ ²⁻): Not detected Phosphate (PO ₄ ³⁻): < 2 ppm
Cation	Calcium (Ca): < 0.001% Magnesium (Mg): < 5 ppm Iron (Fe): 0.5 ppm
pH	5.0 (5% solution at 25 °C)
Insoluble material	0.001%
Assay by titration	99.70%
Grade	ACS reagent
Application	Electrolyte
Storage	Store at RT
Additional Information	Residue after ignition: 0.009%

Certificate of Analysis

Catalog Number: 01207

Lot Number: 000331-29829

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