

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	35289
Lot Number	000878-8052943
Product	Ammonium chloride
CAS Number	12125-02-9
Molecular Formula	NH ₄ Cl
Molecular Weight	53.49

Appearance	White crystalline powder
Solubility	Colorless solution (10% aq. Solution)
Solubility (Turbidity)	Clear solution (10% aq. Solution)
Heavy Metals	< 0.0002% (as Pb)
Anion	Sulphate (SO ₄) : < 0.002% Phosphate (PO ₄) : < 0.0002%
Cation	Iron (Fe) : < 0.0001% Copper (Cu) : < 0.0002%
pH	4.7
UV Ratios	Absorbance (A) of 1 M aq. solution in a 1 cm cell v/s H ₂ O : At 260 nm : 0.01 At 280 nm : 0.009
RNase, DNase, Protease	Not detected
Assay by titration	99.9% (ex Cl)
Grade	Molecular biology grade, suitable for cell culture
Storage	Store at RT
Additional Information	Loss on ignition : 0.008% Pyridine and homologues : < 0.001%
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