

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

Product Specifications

NH₄Cl

| | |
|--------------------------|--------------------------|
| Catalogue Number | 35289 |
| 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 | 4.5 - 5.5 |
| UV Ratios | Absorbance (A) of 1 M aq. solution in a 1 cm cell v/s H ₂ O : At 260 nm : ≤ 0.02 At 280 nm : ≤ 0.02 |
| RNase, DNase, Protease | Not detected |
| Assay by titration | ≥ 99% (ex Cl) |
| Grade | Molecular biology grade, suitable for cell culture |
| Storage | Store at RT |
| Additional Information | Loss on ignition : ≤ 0.01% Pyridine and homologues : ≤ 0.001% |

For Laboratory Use Only