Ammonium chloride, Hi-AR™ / ACS

Product Identifier

- CAS No.: 12125-02-9
- EC No.: 235-186-4
- EC Index No.: 017-014-00-8
- Molecular Formula: NH₄Cl
- Molecular Weight: 53.49
- Synonym: Salmiac
- HS Code: 2827 10 00
- Storage: Below 30°C, Hygroscopic
- Shelf life: 4 years

Technical Specification

- Appearance: White crystals or powder or solid
- Solubility: 33.3 mg soluble in 1 mL of water
- pH (5% in water at 25°C): 4.50 - 5.50
- Magnesium (Mg): <= 0.0005%
- Calcium (Ca): <= 0.001%
- Heavy metals (as Pb): <= 0.0005%
- Iron (Fe): <= 0.0002%
- Sulphate (SO₄): <= 0.002%
- Residue after ignition: <= 0.01%
- Phosphate (PO₄): <= 0.0002%
- Insoluble matter: <= 0.005%
- Assay (AT): 99.50 - 102.00%

Safety Information

- Signal Word: Warning
- Hazard Statement(s): H302- H319- H411
- Precautionary Statement(s): P273- P305+P351+P338
- UN No.: Not dangerous goods
- Class: -
- Packing Group: -
- RTECS: BP4550000
- WGK: 1