

CM 23043 – AMMONIUM CHLORIDE, AR GRADE

PRODUCT PROPERTIES

| | |
|--------------------|---|
| C.A.S Number | 12125-02-9 |
| Chemical Formula | NH ₄ Cl |
| Formula weight | 53.49 |
| Functional Uses | Ammonium chloride (NH ₄ Cl) has been used as one of the components of red blood cell (RBC) lysis buffer for use in various studies. it also is found in many pharmaceuticals preparations such as cough and cold medications, and has been used as an expectorant to help clear lung secretions. |
| Standard Packaging | 500 gm, 5 Kg and 50 Kg |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---|
| Appearance | White or colorless fine crystalline powder. |
| Solubility | Soluble in water. |
| Clarity | Clear solution |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-----------------------------|---------------|
| pH (5% soln. at 25°C) | 4.5 – 6.0 |
| Heavy Metal (Pb) | NMT – 0.005% |
| Sulphate (SO ₄) | NMT – 0.005% |
| Iron (Fe) | NMT – 0.0005% |
| Assay | NLT – 99.0% |

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

