

## SPECIFICATION

## Ammonium Chloride

## Guaranteed Reagent

| REQUIREMENT  | SPECIFICATION  |
|--|--|
| * Appearance<br>Assay (NH <sub>4</sub> Cl)<br>Solubility in water<br>Residue after ignition (as sulfate)<br>pH of a 50g/l solution at 25°C<br>Nitrate<br>Phosphate (PO <sub>4</sub> )<br>Sulfate (SO <sub>4</sub> )<br>Sodium (Na)<br>Potassium (K)<br>Copper (Cu)<br>Magnesium (Mg)<br>Calcium (Ca)<br>Lead (Pb)<br>Iron (Fe) | White, crystals ~ crystalline powder<br>min.99.5%(mass/mass)<br>to pass test<br>max.0.01%(mass/mass)<br>4.5~5.5<br>to pass test<br>max.2ppm(mass/mass)<br>max.0.001%(mass/mass)<br>max.0.005%(mass/mass)<br>max.0.005%(mass/mass)<br>max.2ppm(mass/mass)<br>max.5ppm(mass/mass)<br>max.0.001%(mass/mass)<br>max.2ppm(mass/mass)<br>max.2ppm(mass/mass) |

JIS K 8116:2006\*:Additional test performed by Wako but not required by JIS