

# SPECIFICATION

## Ammonium Sulfate

for RoHS

REQUIREMENT	SPECIFICATION
Appearance	White crystals
Assay [(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> ]	min.99.5%(mass/mass)
Solubility in water	to pass test
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
pH of a 50g/l solution at 25°C	4.8~6.0
Chloride (Cl)	max.5ppm(mass/mass)
Nitrate	to pass test
Phosphate (PO <sub>4</sub> )	max.3ppm(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Arsenic (As)	max.0.2ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.2ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm