

SPECIFICATION

Ammonia Solution

for RoHS

| REQUIREMENT | SPECIFICATION |
|--|------------------------|
| Appearance | Colorless clear liquid |
| Assay (NH ₃) | 28.0~30.0%(mass/mass) |
| Residue after evaporation | max.0.002%(mass/mass) |
| Carbonate (CO ₃) | max.0.002%(mass/mass) |
| Chloride (Cl) | max.0.3ppm(mass/mass) |
| Phosphate (PO ₄) | max.0.5ppm(mass/mass) |
| Silicate (as SiO ₂) | max.0.001%(mass/mass) |
| Sulfate (SO ₄) | max.2ppm(mass/mass) |
| Sulfide (S) | max.0.2ppm(mass/mass) |
| Sodium (Na) | max.1ppm(mass/mass) |
| Potassium (K) | max.1ppm(mass/mass) |
| Copper (Cu) | max.0.1ppm(mass/mass) |
| Magnesium (Mg) | max.1ppm(mass/mass) |
| Calcium (Ca) | max.1ppm(mass/mass) |
| Zinc (Zn) | max.0.1ppm(mass/mass) |
| Lead (Pb) | max.0.1ppm(mass/mass) |
| Iron (Fe) | max.0.2ppm(mass/mass) |
| Nickel (Ni) | max.0.1ppm(mass/mass) |
| Substances reducing permanganate (as O) | max.8ppm(mass/mass) |
| Cadmium (Cd) (RoHS) | max.10ppm |
| Mercury (Hg) (RoHS) | max.10ppm |
| Lead (Pb) (RoHS) | max.0.1ppm |
| Chromium (Cr) (RoHS) | max.10ppm |
| Brominated flame retardants (as Br) (RoHS) | max.1ppm |