



PREMIUM INGREDIENT CO.,LTD

普瑞米恩生物科技有限公司

www.premiumingredient.com

SPECIFICATIONS

Product Name: L-Cysteine Hcl Mono Cas No.: 7048-04-6 Quality Standard: AJI92

Description: white crystals or crystalline powder. Strongly acid taste. Soluble in water.

| Test item | Limit |
|--------------------------------------|--|
| Specific rotation | +5.5 to +7.0° +8.0 to +10.1° |
| State of solution (transmittance) | Clear and colorless Not less than 98.0% |
| Chloride | 19.89 to 20.29% |
| Ammonium | Not more than 0.02% |
| Sulfate | Not more than 0.020% |
| Iron | Not more than 10ppm |
| Heavy metals(Pb) | Not more than 10ppm |
| Arsenic | Not more than 1ppm |
| Other Amino Acids | Chromatographically not detectable |
| Loss on drying | 8.5 to 12.0% |
| Residue on ignition (sulfated) | Not more than 0.10% |
| Assay | 99.0 to 100.5% |
| PH | 1.5 to 2.0 |

Storage: Preserve in tight containers at controlled room temperature.

Recommended limit: 1 years