# SPECIFICATION SHEET

Ryze Chemie

## PRODUCT DETAILS

**Ammonium sulphate AR /ACS**

| | |
|---|---|
| CAS No. | 7783-20-2 |
| Molecular Formula | (NH4)2SO4 |
| Molecular Weight | 132.13 |
| Product Code | 700038G500 |
| Grade | AR |
| Specification no. | S/0038/70/R1 |
| Effective date | 01/05/2026. |
| Review date | 30/04/2031. |

| TEST | SPECIFICATION |
|---|---|
| Description | Colourless crystals/ white crystalline powder |
| Assay (titration) | Min.99.0% |
| Insoluble matter | Max 0.005% |
| pH (5% solution in water; 25°C) | 5.0 to 6.0 |
| Residue on ignition | Max 0.005 % |
| Heavy metals (by ICP-OES) | Max 0.0005% |
| Chloride (Cl) | Max 0.0005% |
| Nitrate (NO3) | Max 0.001% |
| Phosphate (PO4) | Max 0.0005% |
| Iron (Fe) | Max 0.0005% |