# SPECIFICATION SHEET

Ryze Chemie

## PRODUCT DETAILS

**Polyethylene glycol 6000 AR**

| | |
|---|---|
| CAS No. | 25322-68-3 |
| Molecular Formula | H(OCH2CH2)nOH |
| Molecular Weight | --- |
| Product Code | 700536G500 |
| Grade | AR |
| Specification no. | S/0536/70/R1 |
| Effective date | 01/05/2026. |
| Review date | 30/04/2031. |

| TEST | SPECIFICATION |
|---|---|
| Description | White to creamy white waxy-like solid or flakes. |
| Solubility | 10% aq. solution is clear not more than 20 Hazen unit in colour . |
| pH (of 5% solution in water) | 4.5 - 7.5 |
| Viscosity of 25% aqueous solution at 20°C | 14 -19 cS |
| Hydroxyl value | 16 – 22 |
| Freezing Point | 56 – 60 C |
| Moisture (by KF) | max. 2.0% |
| Average molecular weight | 5000 - 7000 |
| Acidity / Alkalinity | Passes tests |
| Arsenic (As) | max 0.0003% |
| Heavy metals (as Pb) | max 0.0005% |
| Dioxane (GC) | max 0.001% |
| Reducing substances | Passes test. |