# Maltase

*— · CAS 9001-42-7 · Maltase, powder*

**CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION**

| CHEMICAL FORM | FORMULA | CAS | PRIMARY ASSAY |
|---|---|---|---|
| Maltase, powder | — | 9001-42-7 | ≥100,000 U/g |
| **METHOD** | **MINIMUM ORDER** | **LEAD TIME** | **STANDARD PACK** |
| Maltase assay (maltose substrate) | 1 kg | 1–7 days | 1 kg foil pouch · 25 kg fiber drum |

## DESCRIPTION

Maltase specified at ≥100,000 U/g by the maltose-substrate assay; the unit definition, the assay pH and the substrate are part of the specification.

## SPECIFICATION

| PARAMETER | SPECIFICATION | METHOD / NOTE |
|---|---|---|
| Activity (units) | ≥100,000 U/g | As stated |
| Appearance | Off-white to light tan powder | As stated |
| Identification | Activity assay conform | As stated |
| Loss on drying | ≤8.0% | As stated |
| Heavy metals | Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg | As stated |
| Microbiology | APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent | As stated |
| Particle size | ≥95% through 80 mesh | As stated |
| Marker set | Maltase ≥100,000 U/g | Identity |
| Solubility | Soluble in water; the solution is clear to slightly turbid. | Matrix dependent |

## APPLICATIONS

- Food processing
- Powder blends

## AVAILABLE FORMS

- Powder, 80 mesh
- Granulated on request

## PACKING

- 1 kg foil pouch
- 25 kg fiber drum

## STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

## DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.