Selenium Yeast

Selenium-enriched yeast (organic selenium) · CAS — · Selenium-enriched yeast powder

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Selenium-enriched yeast powder	Selenium-enriched yeast (organic selenium)	—	1,800–2,200 mg/kg (ICP-MS)
METHOD	MINIMUM ORDER	LEAD TIME	STANDARD PACK
ICP-MS	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Selenium-enriched yeast specified at 1,800–2,200 mg/kg selenium and ≥40% protein, for capsules and tablets where the organic selenium source and the yeast matrix have to be declared.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Selenium (Se)	1,800–2,200 mg/kg (ICP-MS)	As stated
Protein	≥40.0%	As stated
Appearance	Yellow to light brown powder	As stated
Moisture	≤6.0%	As stated
Heavy metals	Pb ≤2 · As ≤1 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤30,000 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	Selenium 1,800–2,200 mg/kg; protein ≥40%	Identity
Solubility	Dispersible in water; the yeast matrix does not form a clear solution.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

AVAILABLE FORMS

- Powder, 80 mesh
- Granulated on request
- Dilution on request

PACKING

- 1 kg foil pouch

STORAGE

• 25 kg fiber drum	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.

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