Policosanol

$C_{28}H_{58}O$ (octacosanol) · CAS 557-61-9 (octacosanol) · Policosanol, powder

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Policosanol, powder	$C_{28}H_{58}O$ (octacosanol)	557-61-9 (octacosanol)	≥90%
METHOD	MINIMUM ORDER	LEAD TIME	STANDARD PACK
GC	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Policosanol specified at ≥90% total alcohols by GC, with the octacosanol share, melting point and moisture; the composition is the specification.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Total policosanol (GC)	≥90%	As stated
Octacosanol share	≥60% (GC)	As stated
Appearance	White to off-white powder	As stated
Melting point	78–82 °C	As stated
Moisture	≤1.0%	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
Marker set	Total policosanol ≥90% (GC)	Identity
Solubility	Insoluble in water; soluble in ethanol and in warm fats and oils.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder blends

AVAILABLE FORMS

- Powder
- 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.