Rainwood NUTRITION

SPECIFICATION SHEET
RN-098 · SPECIALTY

Policosanol

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

INDICATIVE SPECIFICATION — 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

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Total policosanol (GC)	≥90%	Specification
Octacosanol share	≥60% (GC)	Specification
Appearance	White to off-white powder	Specification
Melting point	78–82 °C	Specification
Moisture	≤1.0%	Specification
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	Specification
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	Specification
Marker set	Total policosanol ≥90% (GC)	Identity / ratio
Appearance	White to off-white, free-flowing powder	Visual
Solubility	Insoluble in water; soluble in ethanol and in warm fats and oils.	Matrix dependent
Standard packaging	1 kg foil pouch · 25 kg fiber drum	Food-grade liner

APPLICATIONS

- Capsules and tablets
- Powder blends

AVAILABLE FORMS

- Powder
- Granulated on request

WHAT TO CONFIRM BEFORE ORDERING

- Policosanol is a mixture; the composition by GC is the specification, not a single percentage.
- Name the source (sugarcane, rice bran or beeswax); the profile follows the source.
- Confirm the destination market's permitted claims; the lipid story is claim-sensitive.
- Do not use the page as a label or a claim.

Indicative document. This sheet describes the grade we can quote; it is not a batch COA and does not confirm a result for a specific lot. Final specification, contaminant limits and documentation are agreed in writing before the order. The form, hydrate state, ligand ratio and method are release

parameters, not marketing descriptions.

DOCUMENTATION RELEASED WITH EACH LOT

DOCUMENT	CONTENT	SCOPE
Certificate of analysis	Assay, identity, physical parameters, contaminant panel and the release decision for the lot.	Batch-specific
Technical data sheet	Form, hydrate state, CAS, specification ranges, solubility, bulk density, storage and packing.	Product-level
Safety data sheet	Sixteen sections covering hazards, handling, storage, transport and emergency response.	Grade-specific
Allergen and GMO statements	Major allergens, gluten, animal-derived inputs and GMO status.	Batch-specific
Origin and traceability record	Manufacturing site and the link between the lot and the retained sample.	Batch-specific
Residual-solvent statement	The crystallisation system and the solvent class, where applicable.	Batch-specific

HOW TO REQUEST THIS GRADE

01 · BRIEF

Send the target specification, quantity, dosage form and destination market.

02 · COUNTER-SPEC

We confirm what can be matched and the documents available for the grade.

03 · SAMPLE & QUOTE

A sample with its own COA, followed by packing, lead time and terms in writing.

No claim is made here. This sheet does not claim a therapeutic effect, a product certification or a regulatory approval. Health claims belong to the brand that makes them and to the market that authorises them.

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