

Phytosterol

TECHNICAL DATA SHEET

Phytosterol sterol blend for professional ingredient formulation and manufacturing.

CAS No. (component)	83-46-5 (beta-sitosterol component)
Source	Plant sterols
Physical form	White to off white fine powder

Product Information

Phytosterol is a plant sterol blend containing beta-sitosterol, campesterol, stigmasterol and brassicasterol, supplied as white to off-white fine powder. CAS 83-46-5 identifies the beta-sitosterol component and is not a single CAS identity for the complete blend.

The composition values below are typical analytical values; the COA of each batch prevails.

Specifications

Parameter	Specification
Characters/Appearance	Fine Powder
Color	White to off white
Brassicasterol	2.69%
Campesterol	24.34%
Stigmasterol	28.14%
β-Sitosterol	41.22%
Total phytosterols	96.39%
Loss on drying	1.70%
Total Metals	NMT 10 ppm
Total aerobic count	3000cfu/g Max
Yeast&Mold	300cfu/g Max

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

MOQ	500 kg
Packing	25 kg/bag
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Annual supply	On request

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Nutrition capsules: The selected lipid-associated ingredient grade can be evaluated for suitable nutrition capsules.

Ingredient premixes: Manufacturers can combine the material with compatible ingredients in suitable premixes.

Personal care development: Suitable personal care formulations offer another application for the ingredient.

Packaging & Storage

Packaging	25 kg/bag
Shelf life	Two years, in unopened original packaging.
Container loading	Qty in 20' FCL: 8MTS(with pallets)
Storage	Store in tightly closed original packaging in a cool, dry, well-ventilated place. Protect from sunlight, moisture and heat; keep away from strong oxidizing agents.

Certifications & Documents

KOSHER · HACCP · FSSC 22000 · HALAL · ISO 9001 · ISO 22000

COA for each batch, TDS and SDS.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)

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The agreed purchase specification and the COA of each batch govern supply.