

TECHNICAL DATA SHEET

Phytosterol

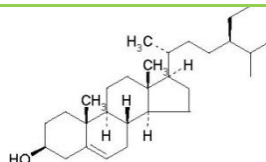
95%

Chemical Properties

Name: Beta-Sitosterol

Chemical Formula: $C_{29}H_{50}O$

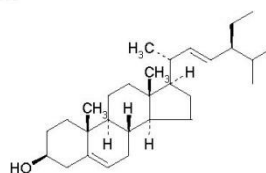
Molecular Weight: 414.69



Name: Stigmasterol

Chemical Formula: $C_{29}H_{48}O$

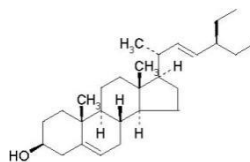
Molecular Weight: 412.70



Name: Brassicasterol

Chemical Formula: $C_{28}H_{46}O$

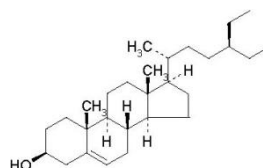
Molecular Weight: 398.67



Name: Campesterol

Chemical Formula: $C_{28}H_{48}O$

Molecular Weight: 400.66



Description

Phytosterol is a kind of physiologically active materials, directly extracted from plants. It can be widely used in medicine, food, feed and other industries.

Solubility

Practically insoluble in water, soluble in acetone and in ethanol, very soluble in ethanol.

Specification

Item	Specification	Test Method
Appearance	White powder	Organoleptic
Odor	Mild characteristic	Organoleptic
Total Content(as drying)	Min 95.0%	In-house
Beta-Sitosterol	Min 40.0%	In-house
Stigmasterol	15%~30%	In-house
Campesterol	15%~30%	In-house
Brassicasterol	Max 5%	In-house

Loss on drying	Max 2.0%	In-house
Ash	Max 0.3%	In-house
Heavy Metals(as Pb)	Max 10ppm	In-house
Total Plate Count	Max 1000cfu/g	In-house
Yeast & Mold	Max 100cfu/g	In-house
<i>E.Coli</i>	Negative	In-house
<i>Salmonella</i>	Negative	In-house

Ingredients

Phytosterol min 95%

Labeling

In the United States and the European Union: Phytosterol

Applications

Besides as a raw material for the synthesis of steroid drugs, it has the effect of reducing cholesterol, anti-inflammation, anti-ulcer, anti-cancer in clinical and also used as a hair care nutrient and a skin care nutrient for cosmetics. In addition it's used as a new type animal feed due to its attributes of benefit-growth, promote-healthy and raise-output.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.

Packaging, Storage & Shelf Life

Package	25kg /drum;or according to customers' requirements.
Storage	Store in a well-closed container away from moisture and direct sunlight.
Shelf Life	24 months if sealed and stored properly.