BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Total phytosterols
Batch Number	QY-ZZP20260407
Botanical Source	Pinus pinasteAit.
Plant Part	Pine Oil
Manufacturing Date	2026-04-07
Expiration Date	2029-04-07

Assay

Analysis Item:	Specification	Result
Total phytosterols β-Sitosterol Brassicasterol Campesterol Stigmasterol	99%	99.13%

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White Fine Powder	Conforms
Odor & Taste	Characteristic	Conforms

Analytical Quality

Analysis Item	Specification	Result
Identification	Identical	TLC
Sieve	NLT 95% Through 80 mesh	Conforms
Extract Solvent	Ethanol & Water	Conforms
Loss on Drying	≤5.0%	0.29%
Ash	≤5.0%	0.72%
Bulk Density	0.30~0.70 g/mL	Conforms
DER	25:1	Conforms
Benzo(a)pyrene	≤10 μg/kg	Conforms
Sum PAH 4 Benzo(a)pyrene, Benzo(a)anthracene,	≤50 μg/kg	Conforms

Benzo(b)fluoranthene, Chrysene		

Pesticide Residues

Analysis Item	Specification	Result
BHC	≤0.2 ppm	Conforms
DDT	≤0.2 ppm	Conforms
PCNB	≤0.1 ppm	Conforms

Heavy Metals

Analysis Item	Specification	Result
Total Heavy Metals	≤10 ppm	Conforms
Arsenic (As)	≤2 ppm	Conforms
Lead (Pb)	≤2 ppm	Conforms
Mercury (Hg)	≤0.1 ppm	Conforms
Cadmium (Cd)	≤1 ppm	Conforms

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤10000 cfu/g	Conforms
Yeast & Mold	≤300 cfu/g	Conforms
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

Packaging & Storage

Parameter	Details
Storage	Cool & dry place. Do not freeze. Keep away from strong light and heat.
Shelf Life	36 months under the conditions above and in its original packaging.
Packaging	In double sealed PP bags, 10/25kgs Drum

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