

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name:	Beta-Sitosterol 35%-45% (Phytosterol 90%)
Batch Number:	C20250103
Manufacture Date:	03/01/2025
Expiration Date:	02/01/2028
Part Used:	Seed

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Color	White	Conform
Odour	Characteristic	Conform
Appearance	Fine Powder	Conform
Identification	Identical to R.S. sample	Identical
Phytosterol	≥90.0%	95.15%
Beta-Sitosterol	35%-45%	39.83%
Campesterols	-	23.79%
Stigmasterols	-	28.07%
Brassicasterols	-	0.28%
Sitostanol	-	3.18%
Sieve analysis	100% through 80 mesh	Conform
Water (KF)	≤5.0%	1.94%
Total Ash	≤1.0%	0.02%

Heavy Metals & Contaminants

Analysis Item	Specification	Result
Lead (Pb)	≤3.0 mg/kg	<0.01 mg/kg
Arsenic (As)	≤2.0 mg/kg	<0.01 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	<0.01 mg/kg
Benzo(a)Pyrene	≤10 µg/kg	Conform
PAH4	≤50 µg/kg	Conform
PA5	≤400 µg/kg	Conform
ETO	≤0.01 mg/kg	Conform
Solvents Residue	Meet Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Conform

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤10000 cfu/g	10 cfu/g
Yeast & Mold	≤1000 cfu/g	10 cfu/g
E. Coli	Negative	Conform
Salmonella	Negative	Conform

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