

**CERTIFICATE OF ANALYSIS**

Product Name	Phytosterol	Batch kgs	1000kg
Batch Number	YOUTH-20240502	Specification	95%
MFG. Date	2024.05.02	Expiration Date	2026.05.01
Molecular Weight	398~414	CAS.NO	83-46-5
Description	White to off white powder	Source	Soybean
Items tested	Specifications	Method	Results
Brassicasterol	≤5.0%	By GC	0.60%
Campesterol	≥20.0%	By GC	25.32%
Stigmasterol	≥15%	By GC	20.98%
β-Sitosterol	≥40.0%	By GC	48.27%
Total phytosterols	≥95%	By GC	95.17%
Loss on Drying	≤2.5%	GB5009.3	1.9%
Melting Point	130-142°C	GB/T 617	Complies
Total Metals	≤10ppm	GB5009.74	Complies
Lead	≤1ppm	GB5009.12	Complies
Arsenic	≤1ppm	GB5009.11	Complies
Total aerobic count	≤3000cfu/g	GB4789.2	Complies
Yeast&Mold	≤300cfu/g	GB4789.15	Complies
E.coli	<10cfu/g	GB4789.3	Complies
Salmonella	Negative	GB4789.4	Complies

QC MANAGER: Feng Li

ANALYST: Guo Shan

