

Certificate of Analysis

Product Name	Phytosterol (Avocado Soybean Unsaponifiables)		
Latin Name	<i>Persea americana, Glycine max</i>		
Batch No.	YG20221010	Manufacturing Date	2022-10-10
Butch Quantity	500KG	Date of Analysis	2022-10-10
Package	25KG	Expiry Date	2024-10-09

ITEMS	SPECIFICATION	RESULTS	TEST METHOD
Odor	Characteristic	Complies	Smell
Description	Brown to creamy powder	Complies	Visual
Peroxide Value	≤5mep/kg	1.55mep/kg	GB/T5538-2005
Acidity	≤7mgKOH/g	0.37mgKOH/g	GB/T5530-2005
Saponification Value	≤25 mgKOH/g	10.52mgKOH/g	GB/T5534-2008
Loss on Drying	Max 5.0%	2.43%	USP<731>
Bulk Density	45-60g/100ml	50g/100ml	GB/T21354-2008
Ratio Avocado: Soybean		1:2 -	
Test method		GC	
Assay: Sterols	≥35%	36.03%	Ch.P
Heavy Metal	Max 10ppm	7.1ppm	USP<231>
Residue on Menstruum	Max 50ppm	Negative	USP<467>
Residue of Pesticide	Max 2ppm	Negative	USP
Total Plate Count	Max 10000cfu/g	Complies	USP<2021>
Yeast&Mold	Max 100cfu/g	Complies	USP<2021>
E.coil	Negative	Complies	USP<2021>
Salmonella	Negative	Complies	USP<2021>
Conclusion	Conform to specification.		
Storage	Store in a cool and dry place, keep away from direct strong and heat.		
Shelf Life	Two years if sealed and store away from direct sun light.		
Tested by	Fangchao Yang	Approved by	Yulian Liu

