



CERTIFICATE OF ANALYSIS

Product Name: Avocado Soybean Unsaponifiables (ASU)			
Latin Name	<i>Persea americana, Glycine max</i>	Ratio(Avocado:Soybean)	1:2
Batch No.	20251210	Manufacturing Date	2025-12-10
Batch Quantity	1000KG	Expiry Date	2025-12-10

Item	Specification	Test Method	Result
Phytosterol	≥30.0%	30.86%	By GC
Tocopherols	≥10.0%	10.10%	By HPLC
Typical Analysis			
Odor&Taste	Characteristic	Complies	Organoleptic
Appearance	Light yellow to creamy powder	Complies	Visual
Ash	≤5.0%	1.1%	USP<281>
Loss on Drying	≤5.0%	2.20%	USP<921>
Peroxide Value	≤5meq/kg	1.90meq/kg	Iodide titration
Acidity	≤7mgKOH/g	2.30mgKOH/g	USP <401>
Bulk Density	45-60g/ 100ml	Complies	GB/T16913
Heavy Metals			
Lead (Pb)	≤1ppm	Complies	ICP-MS
Arsenic (As)	≤1ppm	Complies	ICP-MS
Mercury (Hg)	≤0.1ppm	Complies	ICP-MS
Cadmium (Cd)	≤1ppm	Complies	ICP-MS
Contaminants			
PAH4	≤50ppb	Complies	GC-MS
Benzo [a] pyrene	≤10ppb	Complies	GC-MS
Residue on Menstruum	≤0.5%	Complies	USP<467>
Residue of Pesticide	≤2ppm	Complies	USP/NSF/ANSI 173
Microorganism			
Aerobic Plate Count	≤1000cfu/g	Complies	USP<2021>
Yeast&Mold	≤100cfu/g	Complies	USP<2021>
E.coli	Negative	Complies	USP<2022>
Salmonella	Negative	Complies	USP<2022>
Conclusion	Conform to specification.		
Storage	Store in a cool and dry place, keep away from direct strong and heat		
Shelf Life	2 Years if stored properly		