



# Xi'an Green Spring Technology Co.,Ltd

## Certificate of Analysis

<b>Product Name</b>	<b>Avocado Soybean Unsaponifiables</b>		
<b>Latin Name</b>	Persea americana, Glycine max		
<b>Batch Number</b>	230921	<b>Quantity</b>	1050kg
<b>Manufacture Date</b>	Sep. 21st, 2023	<b>Expiry Date</b>	Sep. 20th, 2025

<b>Item of Analysis</b>	<b>Specification</b>	<b>Results</b>	<b>Test Method</b>
Assay Sterols	Total sterols $\geq 35.0\%$	36.20%	GC
Assay Tocopherols	Total tocopherols $\geq 10.0\%$	10.06%	HPLC
Ratio Avocado : Soybean	1:2	1:2	/
Appearance	Light yellow to creamy powder	Complies	Visual
Ordor & Taste	Characteristics	Complies	Organoleptic
Particle size	90% pass through 60 Mesh	Complies	USP
Loss on drying	$\leq 5.0\%$	2.20%	GB5009.3
Peroxide Value	$\leq 5\text{meq/kg}$	1.9meq/kg	GB/T5009.227
Acidity	$\leq 7\text{mgKOH/g}$	2.1mgKOH/g	GB/T5009.229
Bulk Density	45-60g/100ml	55g/100ml	GB/T16913
Sum of PAHs	$\leq 50\text{ppb}$	Complies	Reg. (EU) 2023/915
Benzo(a) pyrene	$\leq 10\text{ppb}$	Complies	Reg. (EU) 2023/915
Residue on Menstruum	$\leq 0.5\%$	Complies	GB/T5009.37
Residue of Pesticide	USP<561>	Complies	USP<561>
Total Heavy Metals	10ppm Max	Complies	ICP-MS
Lead (Pb)	3.0ppm NMT	Complies	ICP-MS
Arsenic (As)	1.0ppm NMT	Complies	ICP-MS
Cadmium (Cd)	1.0ppm NMT	Complies	ICP-MS
Mercury (Hg)	0.1ppm NMT	Complies	ICP-MS
Total Plate Count	$\leq 1,000\text{cfu/g Max}$	Complies	CP2015
Yeast & Mold	$\leq 100\text{cfu/g Max}$	Complies	CP2015
E. Coli.	Negative	Negative	CP2015

Salmonella	Negative/25g	Negative	CP2015
Pathogenic bacteria	Negative/g	Negative	CP2015
Aflatoxin B1	< 5 µg/kg	Complies	Reg. (EU) 2023/915
Sum of Aflatoxin B1, B2, G1	< 10 µg/kg	Complies	Reg. (EU) 2023/915

**Storage** :Store in cool and dry places, keep away from strong light and heat

**ShelfLife**: 24 months if store under the conditions above and stay in original packaging.

Quality Assurance: Liang Yan

