

Certificate of Analysis

Product Information

Product Name	Avocado Soybean Unsaponifiables	Report Number	ASP20210837
Botanical Name	Persea americana, Glycine max	Manufacture Date	2021/08/12
Specification	35.0%	Analysis Date	2021/08/17
Batch Number	ASP210812	Report Date	2021/08/22
Batch Quantity	500Kg	Expiry Date	2024/08/11

Test Items	Specifications	Result	Test Methods
Active Ingredients			
Ratio (Avocado: Soybean)	1:2	Conforms	
Assay	≥35.0% Phytosterol	35.89%	GC
	≥10.0% Tocopherols	10.42%	GC

Physical & Chemical Data

Appearance	Brown to Creamy Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 40 mesh	Conforms	40 Mesh Screen
Acid value	≤7mgKOH/g	1.85mgKOH/g	
Loss on Drying	≤5.0 %	1.90%	105°C/2 hrs
Total Ash	≤0.5 %	Conforms	GB 5009.4-2016
Bulk Density	40~60g/100mL	51.8g/100mL	GB/T 18798.5

Contaminants

Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Solvent Residue	≤0.5%	Conforms	GC
Pesticide Residues	≤2ppm	Conforms	GC

Microbiological

Total Aerobic Count	≤1000cfu/g	Conforms	GB 4789.2
Yeast & Moulds	≤100cfu/g	Conforms	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Conclusion

Conclusion	To be complied with in-house Specification
Shelf Life	2 years when properly stored
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

