

Certificate of Analysis

Product Information

Product Name	Kava Kava Extract Powder	Report Number	KKL20210138
Botanical Name	Piper methysticum	Manufacture Date	2021.01.16
Used Part	Stem & Root	Analysis Date	2021.01.21
Batch Number	KKL210116	Report Date	2021.01.26
Batch Quantity	300KG	Expiry Date	2024.01.15

Test items	Specifications	Result	Test Methods
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Active Ingredients

Kavalactones	NLT70%	71.30%	HPLC
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Physical & Chemical Data

Appearance	Yellow Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.25%	105°C/2 hrs
Total Ash	≤5.0 %	3.50%	GB 5009.4
Bulk Density	40~60 g/100mL	55.2 g/100mL	GB/T 18798.5
Tap Density	60~90g/100mL	68.5 g/100mL	GB/T 18798.5

Contaminants

Lead (Pb)	<3.0mg/kg	0.26mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.20mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.08mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS

Microbiological

Total Aerobic Count	≤ 1000cfu/g	510cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life:	3 years when properly stored.
Packing :	Packed in paper-drums and two plastic-bags inside.
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: 

Checker: 

Approved:

