



Certificate of Analysis

Product Name	Kava Extract	Expiry Date	Jun. 22, 2022
Batch Number	LYPH200623	Manufacture Date	Jun. 23, 2020
Batch Quantity	350KG	Analysis Date	Jun. 24, 2020
Botanical Source	<i>Piper methysticum</i>	Extracting Solvent	Ethanol & Water

Analysis Item	Specification	Result	Method
Kavalactones	≥30%	30.46%	HPLC
Chemical Physical Control			
Appearance	Fine powder	Complies	Visual
Color	Yellow	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Identification	Positive	Complies	-----
Solubility	100% soluble in water	Complies	-----
Sieve Analysis	100% pass 80 mesh	Complies	80 mesh screen
Loss on Drying	≤5.0%	3.26%	5g/105°C/2hrs
Residue On Ignition	≤5.0%	4.29%	2g/600°C/3hrs
Heavy Metals	<10ppm	Complies	-----
Arsenic (As)	<2ppm	Complies	-----
Lead (Pb)	<2ppm	Complies	-----
Microbiology Control			
Total Plate Count	<1000cfu/g	Complies	-----
Yeast & Mold	<100cfu/g	Complies	-----
E.Coli	Negative	Negative	-----
Salmonella	Negative	Negative	-----
Staphylococci	Negative	Negative	-----

Conclusion	The above analytical results are in conformity with the agreed upon specifications
Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life	2 years when properly stored

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