

CERTIFICATE OF ANALYSIS

Product Name	Kava extract 30:1		
Latin Name	<i>Piper methysticum</i>		
Used part	Root		
Batch Number	20241116	Manufacture Date	20241116
Report Date	20241116	Expiry Date	20261115

Items	Standards	Results	Method
Assay (Kavalactone)	5%	5.3%	QC
Physical and chemical analysis:			
Description	Yellow powder	Qualified	Visual
Extract Ratio	30:1	Qualified	TLC
Mesh Size	100% pass 80mesh	Qualified	CP2010
Identification	(+)	Positive	TLC
Ash Content	≤5.0%	3.45%	CP2010
Loss on Drying	≤5.0%	3.68%	CP2010
Residue analysis:			
Heavy Metal	≤10ppm	Qualified	CP2010
Pb	≤3ppm	Qualified	GB/T 5009.12-2003
As	≤2ppm	Qualified	GB/T 5009.11-2003
Hg	≤2ppm	Qualified	GB/T 5009.15-2003
Cd	≤2ppm	Qualified	GB/T 5009.17-2003
Microbiological:			
Total Plate Count	≤10000cfu/g	Qualified	AOAC990.12, 16th
Yeast&Mold	≤1000cfu/g	Qualified	AOAC996.08, 991.14
E.coil	Negative	Negative	AOAC2001.05
Salmonella	Negative	Negative	AOAC990.12

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

