

## General Information

Product Name:	Tongkat Ali Extract	Latin Name:	Eurycome longafolia
Part Used:	Root	Specification :	200:1
Batch Number:	PC-VC240126	Production Date:	20240123

Item	Specification	Result	Method
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## Physical and Chemical Property

Appearance	Brown Powder	Conforms	Visual
Particle size	≥95% through 80 mesh	Conforms	Screening
Residue on Ignition	≤1g/100g	0.52g/100g	3g/550°C /4hrs
Loss on Drying	≤5g/100g	3.63g/100g	3g/105°C /2hrs
Identification	Conforms with TLC	Conforms	TLC
Content	2% Eurycomanone	2.09%	HPLC

## Residue Analysis

Heavy Metals	≤10mg/kg	Conforms	
Lead (Pb)	≤1.00mg/kg	Conforms	ICP-MS
Arsenic (As)	≤1.00mg/kg	Conforms	ICP-MS
Cadmium (Cd)	≤1.00mg/kg	Conforms	ICP-MS
Mercury (Hg)	≤0.50mg/kg	Conforms	ICP-MS

## Microbiological Tests

Total Plate Count	≤1000cfu/g	200cfu/g	AOAC 990.12
Total Yeast & Mold	≤100cfu/g	10cfu/g	AOAC 997.02
E.Coli.	Negative/10g	Conforms	AOAC 991.14
Salmonella	Negative/10g	Conforms	AOAC 998.09
S.aureus	Negative/10g	Conforms	AOAC 2003.07