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## SPECIFICATION

<b>Product Name</b>	Tongkat Ali Extract
<b>Botanical Latin Name</b>	<i>Eurycoma longifolia Jack.</i>
<b>Plant Part</b>	Root
<b>Extract Solvent</b>	Ethanol & Water

Item	Specification	Test Method
<b>Physical&amp;Chemical Control</b>		
Appearance	Bright Yellow Fine Powder	Visual
Solubility	Soluble in water	Visual
Odor&Taste	Characteristic	Organoleptic
Extract Ratio	200:1	TLC
Particle Size	95% Pass 80 Mesh	80 Mesh Screen
Assay	Eurycomanone $\geq$ 5.0%	HPLC
Loss on Drying	$\leq$ 5.0%	GB/T 5009.3 -2020
Residue on Ignition	$\leq$ 5.0%	GB/T 5009.3 -2020
<b>Heavy Metals</b>		
Heavy Metals(as Pb)	NMT10ppm	CP2020
Arsenic (As)	NMT3ppm	GB/T5009.11 -2020
Lead(Pb)	NMT3ppm	GB/T 5009.12-2020
Cadmium(Cd)	NMT1ppm	GB/T 5009.15 -2020
Mercury(Hg)	NMT0.1ppm	GB/T5009.17 -2020
<b>Microbiology Control</b>		
Total Plate Count	NMT3,000cfu/g	GB/T 4789.2 -2020
Total Yeast & Mold	NMT300cfu/g	GB/T 4789.15 -2020
E.coli	Negative	GB/T 4789.3 -2020
Salmonella	Negative	GB/T 4789.4 -2020
<b>Packaging&amp;Storage</b>	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.	
<b>Shelf Life</b>	Two years if sealed and stored away from strong sun light and heat.	