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Xi'an Plant Bio-engineering Co.,Ltd

Certificate of Analysis

Product Name	Valerian extract		
Used Part	Root	botanical name:	<i>Valeriana officinalisL</i>
Batch No.	VC191006	Manufacturing Date	Oct,6 th ,2019
Butch Quantity	410kg	Expiration Date	Oct,5 th ,2021

Analysi Item	Specifications	Results	TestMethods
Ingredient	Valeric acid 0.8%	0.88%	UV
Appearance	Dark brown powder	Conforms	Visual
Identification	Must Positive	Positive	Organoleptic
Odor	Characteristic	Conforms	TLC
Taste	Characteristic	Conforms	Organoleptic
Particle Size	100%Through 80 mesh	Conforms	100MeshScreen
Loss on Drying	5.0%	2.87%	GB/T5009.3 -2003
Ash content	5.0%	2.50%	GB/T5009.4 -2003
Solvent Residue	Negative	Conforms	Eur Pharm
Pesticide Residue	Negative	Conforms	GB/T5009.146-2003
Total Heavy Metals	10ppm	Conforms	CP2005
Arsenic	1ppm	Conforms	GB/T5009.11 -2003
Pb	1ppm	Conforms	GB/T5009.12 -2003
Hg	1ppm	Conforms	GB/T5009.13 -2003
Cd	1ppm	Conforms	GB/T5009.14 -2003
Total Plate Count	1000cfu/g	Conforms	GB/T4789.2-2003
Total Yeast & Mold	100cfu/g	Conforms	GB/T4789.15-2003
E.Coli	NMT 30 MPN/100g	Conforms	GB/T4789.3-2003
Salmonella	Negative/25g	Conforms	GB/T4789.4-2003
Staphylococcus	Negative/25g	Conforms	GB/T4789.10-2003
Packing and Size	Packed indrum & two plastic-bags inside, Net Weight: : 25Kg/drum		

Conclusion	Conform with Specification.
Storage	Store in a cool and dry place, keep away from direct strong and heat.
Shelf Life	24months if when properly stored