



Shaanxi Rebecca Bio-tech Co., Ltd

CERTIFICATE OF ANALYSIS

Product Name	Humulus Lupulus (Hops) Extract	Quantity	450kg
Botanical Latin Name	<i>Humulus lupulus L.</i>	Plant Part	Tassel

Item	Specification	Result	Test Methods
Assay	10:1	10:1	TLC
Source	The Active Ingredient is 100% from Natural Source.		
Item	Specification	Result	Test Methods
• Chemical Physical Control			
Particle size	100% pass 80 mesh	Qualified	80 Mesh Screen
Loss on drying	≤5.0%	3.65%	5g/105°C/2hrs
Residue on Ignition	≤5.0%	3.08%	2g/525°C/3hrs
Appearance	Fine Powder	Qualified	Visual
Color	Brown	Qualified	Visual
Odor	Typical	Qualified	Organoleptic
Taste	Typical	Qualified	Olfactory
Heavy Metals	NMT10ppm	Conforms	ICP/MS
Arsenic (As)	NMT2ppm	Conforms	ICP/MS
Lead (Pb)	NMT1ppm	Conforms	ICP/MS
Cd	NMT1ppm	Conforms	ICP/MS
Hg	NMT0.1ppm	Conforms	ICP/MS
• Microbiology Control			
Total Plate Count	NMT1,000cfu/g	Conforms	USP
Total Yeast & Mold	NMT100cfu/g	Conforms	USP
E.Coli.	Negative	Negative	AOAC
Salmonella	Negative	Negative	USP
Staphylococcus	Negative	Negative	USP
• Carrier Content	Maltodextrine NMT 15%.		
• Packing & Storage	Packed in paper-drums and two plastic-bags inside.N.W.:25kgs Store in a well-closed container Away from moisture.		
• Shelf Life	Two years after its production date if sealed and stored away from direct sun light and heat.		