

CERTIFICATE OF ANALYSIS

Product name:	Shitake Mushroom Extract	Plant Source	<i>Lentinula edodes</i>
Used part:	Whole fruit body	Manu. Date:	Dec. 22, 2018
Batch Number:	U-F-XG20181222	Expiration Date:	Dec. 21, 2020
Batch Size:	800KG		

Analysis Item	Specification	Result	Test Method
Assay	Polysaccharide $\geq 30\%$	Conform	UV
Chemical Physical Control			
Appearance	Fine powder	Visual	Visual
Color	Brown yellow	Visual	Visual
Odor	Characteristic herb	Conform	Organoleptic
Taste	Characteristic	Conform	Organoleptic
Loss on Drying	$\leq 5.0\%$	Conform	USP
Residue on Ignition	$\leq 5.0\%$	Conform	USP
Heavy Metals			
Total Heavy Metals	$\leq 10\text{ppm}$	Conform	AOAC
Arsenic	$\leq 2\text{ppm}$	Conform	AOAC
Lead	$\leq 3\text{ppm}$	Conform	AOAC
Cadmium	$\leq 2\text{ppm}$	Conform	AOAC
Mercury	$\leq 0.1\text{ppm}$	Conform	AOAC
Microbiological Tests			
Total Plate Count	$\leq 1000\text{cfu/g}$	Conform	ICP-MS
Yeast & Mold	$\leq 100\text{cfu/g}$	Conform	ICP-MS
E.Coli Detection	Negative	Negative	ICP-MS
Salmonella Detection	Negative	Negative	ICP-MS
Packing	Packed In Paper-drums and two plastic-bags inside. Net Weight: 25kgs/drum.		
Storage	Store in cool & dry place between 15°C - 25°C . Do not freeze. Keep away from strong light and heat.		
Shelf life	2 years when properly stored.		

QC:

Xuejuan Gao

QA:

Weifeng Zhang

