



Shaanxi Undersun Biomedtech Co., Ltd.

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CERTIFICATE OF ANALYSIS

Product Name	Reishi Mushroom Extract	Batch Size	1200kg
Botanica Latin Name	<i>Ganoderma lucidum (Leyss. Ex Fr.) Karst.</i>	Batch Number	LZD-190912
Part used	Fruiting Body	MFG. Date	Sep. 12, 2019
Country of Origin	China	Expire Date	Sep. 11, 2021

Item	Specification	Results	Methods
Assay: Polysaccharides	≥30%	32.61%	UV
Physical & Chemical Control			
Appearance & Color	Brown powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Mesh Size	95% pass 80 Mesh	Conforms	CP2015
Loss on Drying	≤5.0%	3.24%	CP2015(105 °C, 6h))
Ash Content	≤5.0%	3.01%	CP2015((550°C, 6h))
Extraction Solvent	Water	Conforms	/
Solvent Residue	Negative	Conforms	GC/USP
Heavy Metals			
Total Heavy Metals	<10ppm	Conforms	AAS/CP2015
Arsenic (As)	≤2.0ppm	Conforms	AAS/CP2015
Lead (Pb)	≤2.0ppm	Conforms	AAS/CP2015
Cadmium (Cd)	≤1.0ppm	Conforms	AAS/CP2015
Mercury (Hg)	≤1.0ppm	Conforms	AAS/CP2015
Microbiology			
Total Plate Count	≤1,000 cfu/g	162cfu/g	GB4789.2-2016
Total Yeast & Mold	≤100 cfu/g	58cfu/g	GB4789.15-2016
Escherichia coli	Negative	Conforms	GB4789.3-2016
Salmonella	Negative	Conforms	GB4789.4-2016

Conclusion	Conform with specification
Packing	25kg/drum, with double plastic bags inside.
Storage	Store in cool & dry place. Do not freeze. Keep away from strong light and heat
Shelf life	2 years when properly stored

QC:

Zhao Ting



QA:

Hou Xuehui