



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information			
Product Name	Huperzine A Powder	Report Number	HUL20211147
Batch Number	HUL211122	Manufacture Date	2021/11/22
Batch Quantity	300Kg	Expiry Date	2024/11/21
Test items	Specifications	Result	Test Methods
Active Ingredients			
Assay	≥1%	1.33%	HPLC
Physical & Chemical Data			
Appearance	White Fine Powder	Conforms	Visual
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	2.25%	105°C/2 hrs
Total Ash	≤5.0 %	3.12%	GB 5009.4-2016
Tap Density	60~90g/100mL	66.9g/100mL	GB/T 18798.5
Contaminants			
Lead (Pb)	<3.0mg/kg	0.41mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.23mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.02mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS
Microbiological			
Total Aerobic Count	≤1000cfu/g	65cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	3 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

