



SHEERHERB  
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XI'AN SHEERHERB BIOLOGICAL TECHNOLOGY CO.,LTD

## Certificate of Analysis

Product Name	Harmine Powder		
Batch No.	20220328	Quantity	5kg
Manufacture Date	Mar.28.2022	Expiry Date	Mar.27.2024
<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>	<b>Test Method</b>
Assay or Ratio	90%-99%	98%	HPLC
<b>Organoleptic properties</b>			
Appearance	White or Yellowish white crystalline Powder	Conform specification	Visual
Taste/ Odor	Characteristic	Conform specification	Organoleptic
<b>Physical properties</b>			
Identification	Positive	Conform specification	HPLC
Sieve analysis	100% pass 80mesh	Conform specification	Mesh screen or equivalent
Moisture content	≤ 5%	2.15%	Eur.Ph.6.0 [2.5.17]
Total ash	≤ 10%	7.53%	Eur.Ph. <2.5.16>
Bulk density	40~60 g/100mL	45g/100mL	Eur.Ph. <2.8.34>
Tap density	60~90g/100mL	68g/100mL	Eur.Ph. <2.8.34>
<b>Chemical control</b>			
As	≤ 2ppm	< 0.1897ppm	ICP-MS or equivalent
Pb	≤ 3ppm	< 0.1763ppm	ICP-MS or equivalent
Cd	≤ 1ppm	< 0.0159ppm	ICP-MS or equivalent
Hg	≤ 0.1ppm	< 0.0237ppm	ICP-MS or equivalent
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Conform specification	Eur.Ph. <2.8.24>
Pesticides Residue	Meet USP Requirements	Conform specification	USP36 <561>
<b>Microbiology</b>			
Total plate count	≤ 10000cfu/g	Conform specification	AOAC or equivalent
Yeasts & Molds	≤ 1000cfu/g	Conform specification	AOAC or equivalent
E.Coli	Negative	Conform specification	AOAC or equivalent
Salmonella	Negative	Conform specification	AOAC or equivalent
<b>Conclusion:</b>	Conform with USP Standard		

Analyst: David Yan

Approved: Li Yu

