



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information			
Product Name	Melatonin	Standard	USP42
Batch Number	MEL200927	Batch Quantity	500KG
Manufacture Date	2020.09.27	Expiry Date	2022.09.26
Test items	Specifications	Result	
Physical & Chemical Data			
Assay	98.5%~101.5%	99.60%	
Appearance	White Powder	Conforms	
Identification	IR	Conforms	
	UV	Conforms	
	HPLC	Conforms	
Loss on Drying	NMT1%	0.07%	
Chloride and Sulfate	NMT0.2%	0.02%	
Residual On Ignition(Dry Base)	NMT0.1%	0.04%	
Impurities	Individual Impurity	<0. 1%	
	Total Impurity	<1. 0%	
Contaminants			
Lead (Pb)	<1.0mg/kg	Conforms	
Arsenic (As)	<1.0mg/kg	Conforms	
Cadmium (Cd)	<0.5mg/kg	Conforms	
Mercury (Hg)	<1.0mg/kg	Conforms	
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	120cfu/g	
Yeast & Moulds	≤ 100cfu/g	10cfu/g	
E-Coli	Negative	Conforms	
Salmonella	Negative	Conforms	

Conclusion:

Conform to the USP42 standard

Storage & Packing

Shelf Life: 2 years when properly stored.

Storage: Store in cool & dry place, keep away from strong light and heat.

Tested by: 张丽娜

Checker: 李国凤

Approved:

