

CERTIFICATE OF ANALYSIS

Product Name:	Melatonin	Batch Number:	YT20210721
CAS No.:	73-31-4	Manufacture Date:	July.21,2021
Packing:	25kgs/Drum	Analysis Date:	July.21,2021
Quantity:	500kgs	Expiry Date:	July.20,2023

ITEM	STANDARD	TEST RESULT
Melatonin	≥99.0%	99.50%
Physical & Chemical		
Appearance	Off-white powder	Complies
Partical Size	80-100 mesh	Complies
Loss on Drying	≤0.5%	0.18%
Ash	≤0.1%	0.05%
Melting Point	117-120°C	118.5-119.0°C
Solubility	100% soluble	Complies
Heavy Metal		
Total Heavy Metals	≤10.0ppm	Complies
As	≤1.0ppm	0.27ppm
Microbiological Test		
Total Plate Count	≤1,000cfu/g	<15cfu/g
Mold and Yeast	≤100cfu/g	<10cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus Aureus	Negative	Negative
Conclusion	Conform with USP	
Storage	Store in cool and dry places. Keep away from strong light and heat.	
Packing	By 25kgs/Drum, inner by double plastic bag	
Shelf Life	24 months under the above condition,and in it's original package	

Quality Assurance Officer: Weiqiang Hu

