

## Specification

Product Name	Melatonin
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Item	Specification	
<b>Assay</b>	99%	
<b>Physical &amp; Chemical Data</b>		
Appearance	White Powder	
Odor & Taste	Characteristic	
<b>Analytical Quality</b>		
Identification		
Sieve	NLT 95% Through 80 mesh	
Extract Solvent	Ethanol & Water	
Loss on Drying	≤5.0%	
Ash	≤5.0%	
Bulk Density	0.30~0.70g/ml	
<b>Pesticide Residue</b>		
BHC	≤0.2ppm	
DDT	≤0.2ppm	
PCNB	≤0.1ppm	
<b>Total Heavy Metals</b>	≤10ppm	
Arsenic(As)	≤2ppm	
Lead(Pb)	≤2ppm	
Mercury(Hg)	≤0.1ppm	
Cadmium(Cd)	≤1ppm	
<b>Microbiological Tests</b>	Irradiation	Non irradiated
Total Plate Count	≤1000cfu/g	≤10000cfu/g
Yeast & Mold	≤100cfu/g	≤300cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
<b>Conclusion</b>	Conform with specification	

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat..

Shelf Life 36 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2021-06-02