

**Specification Sheet**

Product Name	Melatonin		
Packing	25Kg/Drum	Shelf Life:	24 Months

Analysis	Specification	Test methods
Characteristics	Off-white powder	Visual
Odor	Characteristic	Visual
Identification	IR spectrum	IR
Assay(HPLC)	99.0% min	HPLC
Residue on ignition	≤0.1%	CP2010
Loss on drying(%)	≤0.5%	CP2010
Heavy Metal	NMT 10ppm	Colorimetry
As	NMT 2ppm	AFS
Pb	NMT 3ppm	AAS
Cd	NMT 2ppm	AAS
Hg	NMT 0.2ppm	AFS
Particle Size	80~100mesh	Mesh screen
Total Plate Count	NMT 1000 cfu/g	AOAC
Yeast & Mold	NMT 100 cfu/g	AOAC
Coliform	NMT 100 cfu/g	AOAC
E. coli	Negative	AOAC
Salmonella	Negative	AOAC
Staphylococcus Aureus	Negative	AOAC
<b>Conclusion</b>	<b>This product complies with enterprise standard</b>	