



江蘇華宇化工有限公司  
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**Specification of Melatonin**

<b>Items</b>	<b>Specification</b>
Appearance:	A White or off white crystalline powder
Identification (UV):	Conforms to standard
Melting point:	116-120°C
5-Methoxy Tryptamine	Not more than 0.5%
Single Max Impurity:	Not more than 0.1%
Total Impurities:	Not more than 1.0%
Loss on drying:	Not more than 0.3%
Residue on ignition:	Not more than 0.1%
Heavy metals:	Not more than 20ppm
Residue solvents ethanol:	Not more than 1000ppm
Assay (by HPLC):	Not less than 99%
Microbiological tests:	
Total plate count:	Not more than 1000/g
Molds and Yeasts:	Not more than 100/g
E. Coli	Negative
Salmonella	Negative