

Product: Melatonin

Items	Specification
Characteristics	A white or off-white crystalline powder. Soluble in alcohol, Slightly soluble in water.
Identification A、 Infrared Absorption B、 Ultraviolet Absorption C、 HPLC Identification Test	Positive Positive Positive
Loss on drying	1.0% MAX
Melting point	116.0~120.0℃
Residue on ignition	0.1% MAX
Chloride and sulfate	≤0.02%
Heavy metals	As ≤ 1ppm Cd ≤1ppm Hg ≤0.1ppm Pb ≤ 1ppm
Related compounds	Individual impurities ≤0.1% Total impurities ≤1.0%
Assay	98.5%~101.5%
Storage	Store in a well-closed container protected from light.
Shelf Life	3 years when Properly Stored