

CERTIFICATE OF ANALYSIS

Product Name	Melatonin Powder		
CAS No.	73-31-4		
Batch Number	20260921	Manufacture Date	20260921
Report Date	20260921	Expiry Date	20280920

Item of Analysis	Specification	Results
Appearance	Off-white powder	Passes
Identification-IR	Passes Test	Passes Test
Identification-UV	Passes Test	Passes Test
Identification-HPLC	Passes Test	Passes Test
Odor	Characteristics	Passes
Assay (on anhydrous basis)	98.5%-101.5%	99.5%
Individual impurities	0.1%	0.04%
Total impurities	1.0%	0.19%
Loss on drying	1.0%	0.17%
Residue on ignition	0.1%	0.08%
Chloride and sulfate	0.02%	0.01%
Heavy Metals	20 ppm	< 10 ppm
Lead	1ppm	< 1ppm
Arsenic	1ppm	< 1ppm
Cadmium	1ppm	< 1ppm
Mercury	0.3ppm	< 0.3ppm
Total Aerobic Count	3000 cfu/g	Passes
Molds and Yeasts	300 cfu/g	Passes
Total Coliforms	Negative to test	Negative to test
Salmonella Species	Negative to test	Negative to test

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

