

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name:	Melatonin
Batch Number:	303-24022637
CAS Number:	73-31-4
Country of Origin:	China
Manufacture Date:	Feb. 26, 2024
Expiry Date:	Feb. 25, 2027

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White to off-white powder	Complies
Odor	Characteristic	Complies
Taste	Characteristic	Complies
Loss on drying	≤0.5%	0.11%
Residue on ignition	≤0.5%	0.09%
Purity	≥99.0%	99.26%

Heavy Metals

Analysis Item	Specification	Result
Heavy metals	≤10 ppm	Complies
Arsenic (As)	≤2 ppm	Complies
Lead (Pb)	≤2 ppm	Complies
Mercury (Hg)	≤0.1 ppm	Complies
Cadmium (Cd)	≤1 ppm	Complies

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤1000 CFU/g	<10 CFU/g
Yeast & Mould	≤100 CFU/g	<10 CFU/g
Coliforms	≤0.92 MPN/g	Negative
Salmonella	Negative	Negative

Based on information from producer/supplier.

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