

AurumLabs

3rd Floor, 86-90 Paul Street, London, England, United Kingdom, EC2A 4NE

CERTIFICATE OF ANALYSIS

Product Name	Melatonin		
CAS NO.	73-31-4	Batch No.	2025092501
Quantity	895kg	Manufacturing Date	2025-9-26
Package	25kg/drum	Testing Date	2025-10-14
Shelf life	3 years	Retest Date	2028-10-13

No.	Item	Specification	Test result
1	Appearance	White to off-white powder	Conform
2	Identification	HPLC&IR	Conform
3	Loss on drying	≤1.0%	0.08%
4	Residue on ignition	≤0.1%	0.06%
5	Chloride	≤0.02%	Conform
6	Heavy metals	≤10ppm	Conform
7	Pb	≤2ppm	Conform
8	As	≤1ppm	Conform
9	Cd	≤1ppm	Conform
10	Hg	≤0.1ppm	Conform
11	Assay	98.5%~101.5%	99.56%
12	Any single impurity	≤0.1%	Conform
13	Total impurities	≤1.0%	Conform
14	Microbiological Test		
	Total Aerobic Bacteria	≤1000CFU/g	Conform
	Yeast&Mold	≤50CFU/g	Conform
	Coliforms	≤0.92MPN/g	Conform
	E.Coli	Negative	Conform
	Salmonella	Negative	Conform
	Staphylococcus	Negative	Conform
Conclusion	Complies with USP 43, EP10, BP standard		