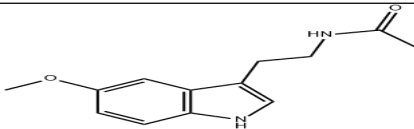




杭州海蓝化工有限公司
HANGZHOU HAILAN CHEMICAL CO.,LTD

CERTIFICATE OF ANALYSIS

COA No.:08202509092

Product Name	Melatonine
CAS Registry number	73-31-4
MF & MW	C ₁₃ H ₁₆ N ₂ O ₂ & 232.28
Structure	
Batch number	202506171
Date of manufacture	20250617
Shelf life	24months

Index Name	Specifications	Results
Appearance	Off white powder	Conform
Identification	IR/UR/HPLC	Conform
Assay(HPLC)	98.5~101.5%	99.4%
Residue on ignition	0.1%max	0.05%
Loss on drying	1.0%max	0.2%
Chloride and sulfate	0.02%max	Conform
Heavy metals	10ppm max	Conform
As	1.0ppm max	Conform
Individual impurity	0.1%max	0.09%
Total impurity	1.0%max	0.4%
Total plate count	1000cfu/g max	Conform
Yeast & Mold	100cfu/g max	Conform
E.coli	Negative	Conform
Salmonella	Negative	Conform
Staphylococcus Aureus	Negative	Conform
Conclusion	Meets the in-house standard	
QA	Xiang zhongbiao	QC Zhengyi

HANGZHOU HAILAN CHEMICAL CO., LTD.
QUALITY CONTROL DEPARTMENT