



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Melatonine	73-31-4	20240620
Mfg. Date	Exp. Date	Package
Jun.,20,2024	Jun., 19,2026	25kg/Drum

Items	Specifications	Results
Identification	IR,UV,HPLC	Conform
Chlorid and Sulfate	$\leq 0.02\%$	$< 0.02\%$
Loss on drying	$\leq 1.0\%$	0.06%
Residue on ignition	$\leq 0.1\%$	0.06%
Heavy metal	Pb $\leq 1\text{ppm}$	$< 1\text{ppm}$
	As $\leq 1.5\text{ppm}$	$< 1.5\text{ppm}$
	Hg $\leq 1.5\text{ppm}$	$< 1.5\text{ppm}$
	Cd $\leq 0.5\text{ppm}$	$< 0.5\text{ppm}$
Impurities	Individual impurity $\leq 0.1\%$	0.039%
	Total impurity $\leq 1.0\%$	0.19%
Assay(on the dried basis)	98.5%~101.5%	99.59%
Conclusion	The product conforms to the standard of USP42.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03