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Certificate of Analysis

Product Name	Melatonin		
Manuf. Date	Apr.01, 2019	Expiry Date	Mar. 31, 2021
Test Standard	USP40		

Items	Specifications	Results	
Identification	IR	Conform	
	UV	Conform	
	HPLC	Conform	
Chloride and sulfate	0.02%MAX	<0.02%	
Loss on drying	1.0%MAX	0.06%	
Residue on ignition	0.1%MAX	0.04%	
Heavy metals	Pb	1ppmMAX	<1ppm
	As	1.5ppmMAX	<1.5ppm
	Hg	1.5ppmMAX	<1.5ppm
	Cd	0.5ppmMAX	<0.5ppm
Impurities	Individual impurity	0.1%MAX	0.028%
	Total impurity	1.0%MAX	0.28%
Assay (on the dried basis)	98.5%~101.5%MIN	99.29%	
Conclusion	The product conforms to the standard of USP40		



TESTED BY: Wang Xiaohang CHECKED BY: Du Ke ISSUED BY: Lei Xiaogang