



CERTIFICATE OF ANALYSIS

Product Name	Melatonin				
Quantity	300Kg	Manufacture Date	2021/05/05		
Batch Number	210505	Expiration Date	2023/05/04		
Items & Specification					
Analysis Item	Specification		Result		
Identification	IR		Complies		
	UV		Complies		
	HPLC		Complies		
Chloride and sulfate	0.02% max		<0.02%		
Loss on drying	1.0% max		0.07%		
Residue on ignition	0.1% max		0.05%		
Heavy metals	Pb		<1 ppm		
	As		<1.5 ppm		
	Hg		<1.5 ppm		
	Cd		<0.5 ppm		
Impurities	Individual impurity		0.034%		
	Total impurity		0.84%		
Assay(on the dried basis)	98.5%~101.5%		99.79%		
Conclusion	Conform to USP40 Standard				
Analyst	马亮	Review	刘爱琴	Supervisor of QC	李敏

