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CERTIFICATE OF ANALYSIS

Product Name	Benzophenone-3	Specification	Company Standard
CAS No.	131-57-7	Manufacture Date	2024.3.17
Quantity	300KG	Analysis Date	2024.3.24
Batch No.	ES-240317	Expiry Date	2026.3.16
Items	Specifications	Results	
Assay (HPLC)	97.0%~103.0%	99%min	
Appearance	Light yellow powder	Complies	
Odor & Tasted	Characteristic	Complies	
Melting point	62.0-65.0°C	Complies	
Loss on Drying	0.2% max	Complies	
Ash	0.1% max	Complies	
Specific Extinction(1%,1cm) (288nm)	630min	Complies	
Specific Extinction(1%,1cm) (325nm)	410min	Complies	
Heavy Metal			
Total Heavy Metal	≤5 ppm	Complies	
Lead (Pb)	≤2.0 ppm	Complies	
Arsenic (As)	≤2.0 ppm	Complies	
Cadmium (Cd)	≤1.0 ppm	Complies	
Mercury (Hg)	≤0.1 ppm	Complies	
Microbiological Test			
Total Plate Count	<1000cfu/g	Complies	
Yeast & Mold	<100cfu/g	Complies	
E.Coli	Negative	Complies	
Salmonella	Negative	Complies	
Packing	Packed in plastic bag inside and aluminum foil bag outside.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf life	Two years when properly stored.		
Conclusion	Sample Qualified.		

Analyst: Jiayan Yang

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Manager: Xiaoyu Wang

