

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Avobenzone	<b>Batch No.</b>	JL20220820
<b>Cas</b>	70356-09-1	<b>MF Date</b>	Aug. 20, 2022
<b>Packing</b>	25KGS/CARTON	<b>Analysis Date</b>	Aug. 20, 2022
<b>Quantity</b>	7200KGS	<b>Expiry Date</b>	Aug. 19, 2025
<b>ITEM</b> 分析项目	<b>STANDARD</b> 技术指标		<b>RESULT</b> 实测结果
<b>Appearance</b>	White to pale yellow powder		Pale yellow powder
<b>Identity(IR)</b>	Matches reference spectrum		Conform
<b>Identity (Retention time)</b>	Matches reference retention time		Conform
<b>UV specific extinction</b>	1100-1180		1170
<b>Melting point</b>	81.0°C-86.0°C		83.8°C-84.6°C
<b>Chromatographic purity(GC)</b>	Each impurity $\leq$ 3.0%		1.2%
	Total impurities $\leq$ 4.5%		1.4%
<b>Residual solvents</b>	Methanol $\leq$ 3000ppm		Conform
	Toluene $\leq$ 890ppm		Conform
<b>Microbial purity</b>	Total amount of aerobe $\leq$ 100CFU/g		Conform
	Total yeast and moulds $\leq$ 100CFU/g		Conform
<b>Loss on drying</b>	$\leq$ 0.5%		0.03%
<b>Assay(GC)</b>	95.0-105.0%		100.1%
<b>Conclusion</b>	<b>Qualified</b>		

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**Quality Assurance Officer: Zhan Peng**