



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name:	Ethylhexyl Methoxycinnamate	Batch No.	JL20220816
Cas	5466-77-3	MF Date	Aug. 16, 2022
Packing	20~25kgs/drum	Analysis Date	Aug. 16, 2022
Quantity	5000kgs	Expiry Date	Aug 15, 2024
ITEMS		Standard	Result
APPEARANCE		Pale yellow liquid	Pale yellow liquid
HAZEN		70 max	39.6
ODOUR		Slight characteristic	Slight characteristic
IDENTITY(RETENTION TIME) USP<621>		Matches reference retention time	Matches reference retention time
(E1% CM,310NM,ETHANOL)/UV SPECIFIC EXTINCTION(E1% CM,310NM,ETHANOL) USP<197U>		850min	860
SPECTIFIC GRAVITY(25 °C) USP<841>		1.005~1.013	1.009
REFRACTIVE INDEX(20 °C) USP<831>		1.542~1.548	1.546
PEROXIDE VALUE		1.0max	0.0%
ACIDITY(0.1N NAOH) (USP)		0.8max	0.2ml
CHROMALOGRAPHIC PURITY GC USP<621>	PURITY(%)	99.0min	99.3%
	EACH IMPURITY(%)	0.5max	0.1%
	TOTAL IMPURITIES(%)	2.0max	0.6%
ASSAY(%) USP<621>		95.0.~105.0	99.8%
CONCLUSION	QUALIFIED And Confirm to USP Standard		

Analyst: Wen Qian

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