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Certificate of Analysis

Chemical Name: ETHYLHEXYL SALICYLATE (Sunobel OS)

CAS No.:118-60-5

PERIOD OF VALIDITY: 3 YEARS.

Invoice No.H25-1601601

Items	Specification	Results	
Appearance	Colorless to pale yellow liquid	Colorless liquid	
Odour	Slight characteristic	Slight characteristic	
Identity(IR)USP<197F>	Matches reference spectrum	Matches reference spectrum	
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>	165-185	180	
Specific gravity(25°C)USP<841>	1.011-1.016	1.016	
Refractive index(20°C)USP<831>	1.500-1.503	1.501	
Acidity (ml/ml)Titration (USP)	0.2 max	0.12ml/ml	
Chromatographic purityGC USP<621>	Purity (%)	99.0 min	99.8%
	Ethylhexanol(%)	0.10 max	<0.0029%(LOD)
	Methyl salicylate (%)	0.10 max	<0.0050%(LOD)
	Each impurity(%)	0.5 max	0.1%
	Total impurities (%)	2.0max	0.2%
Assay(%)USP<621>	95.0-105.0	99.8%	
Conclusion	Qualified		
Material meets all the requirements of current USP standards			

APPROVED BY: BAI HE CHECKED BY: TAO SUN

TESTED BY: WAN CHENG

SIGNED BY _____