



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: 2-Ethylhexyl trans-4-methoxycinnamate

Batch No.: HDC20230421

Manufacturing Date: Apr 21st, 2023

Quantity: 500kg

Molecular Formula: C₁₈H₂₆O₃

CAS No.: 83834-59-7/5466-77-3

Retest Date: Apr 20th, 2026

Report Date: Apr 22nd, 2023

Test Item	Specification	Test Result	
Appearance	Pale yellow liquid	Conforms	
Hazen	Not more than 70	28.9	
Odour	Slight characteristic odour	Conforms	
Identity(IR) USP<197F>	Matches reference spectrum	Conforms	
Identity(Retention Time) USP<621>	Matches reference retention time	Conforms	
UV Specific Extinction(E1% 1cm, 310nm, ethanol) USP<197U>	Not less than 850	861	
Specific Gravity(25°C) USP<841>	1.005 ~ 1.013	1.010	
Refractive Index(20°C) USP<831>	1.542 ~ 1.548	1.545	
Peroxide Value	Not more than 1.0%	0.0%	
Acidity(0.1N NaOH) (USP)	Not more than 0.8	0.2ml	
Chromatographic Purity GC USP<621>	Purity	Not less than 99.0%	99.2%
	Single Impurity	Not more than 0.5%	0.1%
	Total Impurities	Not more than 2.0%	0.8%
Assay USP<621>	95.0% ~ 105.0%	98.5%	

Conclusion: The testing results of this batch of goods are complied with current USP Standards.