

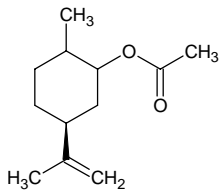
d-dihydrocarvyl acetate

d-ジヒドロカルビル アセテート

Formula C₁₂H₂₀O₂

Mol. Wt. 196.29

CAS No.



SEQ No. 570 エステル類

FEMA No. 2380

JECFA No. 379

	JFFMA	JECFA	FCC
Chemical name	d-dihydrocarvyl acetate	Dihydrocarvyl acetate	
Content (NLT)	95.0 % (GC)	97.0 % sum of 4 isomers	
Refractive index	1.456–1.466 (n _{20D})	1.458–1.463 (n _{20D})	
Specific gravity	0.944–0.957 (d _{20/20})	0.943–0.954 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeeing point			
Angular/Specific rotation	SR: 50 to 70° ([α] _{20D})		
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,6(-) MS : 3(-),4,5 NMR : 6(-)	IR	

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich