

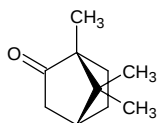
d-camphor

d-カンファー

Formula C₁₀H₁₆O

Mol. Wt. 152.23

CAS No. 464-49-3



SEQ No. 337 ケトン類

FEMA No. 2230

JECFA No. 1395

	JFFMA	JECFA	FCC
Chemical name	d-camphor	d-Camphor	d-Camphor
Content (NLT)	96.0 % (GC)	96 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 174 to 182°C	MP: 174 to 179°C	MP: 174 to 179°C
Angular/Specific rotation	AR: 41 to 45° (α 20D)		AR: 41 to 43°
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	IR	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