

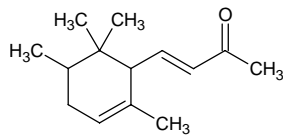
alpha-irone

α-イロン

Formula C₁₄H₂₂O

Mol. Wt. 206.32

CAS No. 79-69-6



SEQ No. 1283 ケトン類

FEMA No. 2597

JECFA No. 403

	JFFMA	JECFA	FCC
Chemical name	alpha-irone	alpha-Irone	
Content (NLT)	94.0 % (GC)	98 %	
Refractive index	1.497-1.507 (n _{20D})	1.497-1.503 (n _{20D})	
Specific gravity	0.930-0.940 (d _{20/20})	0.932-0.939 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation		OR: +22° (60°C)	
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 4 ml 70% alcohol	
Other requirements			
Identification*	IR : 1 MS : 4,5 NMR :	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