

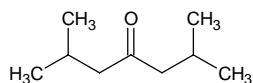
2,6-dimethyl-4-heptanone

2,6-ジメチル-4-ヘプタノン

Formula C₉H₁₈O

Mol. Wt. 142.24

CAS No. 108-83-8



SEQ No. 664 ケトン類

FEMA No. 3537

JECFA No. 302

	JFFMA	JECFA	FCC
Chemical name	2,6-dimethyl-4-heptanone	2,6-Dimethyl-4-heptanone	
Content (NLT)	98.0 % (GC)	80 %	
Refractive index	1.410-1.416 (n _{20D})	1.410-1.416 (n _{20D})	
Specific gravity	0.809-0.815 (d _{20/20})	0.808 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		SC: 4,6-dimethyl-2-heptanone	
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3,6	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