

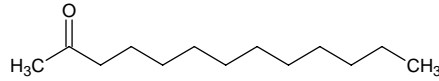
2-tridecanone

2-トリデカノン

Formula C₁₃H₂₆O

Mol. Wt. 198.34

CAS No. 593-08-8



SEQ No. 1724 ケトン類

FEMA No. 3388

JECFA No. 298

	JFFMA	JECFA	FCC
Chemical name	2-tridecanone	2-Tridecanone	2-Tridecanone
Content (NLT)	97.0 % (GC)	95 %	95.0 % GC(M-1b)
Refractive index		1.432-1.438 (n _{20D})	
Specific gravity		0.817-0.823 (d _{25/25})	
Acid value (NMT)		10.0	
Melting/Congeeing point	MP: 25 to 31°C	MP: 28 to 31°C	MP: NLT 27.0°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 g in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,5,6 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