

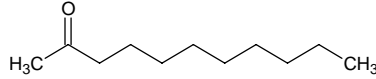
2-undecanone

2-ウンデカノン

Formula C₁₁H₂₂O

Mol. Wt. 170.29

CAS No. 112-12-9



SEQ No. 1689 ケトン類

FEMA No. 3093

JECFA No. 296

	JFFMA	JECFA	FCC
Chemical name	2-undecanone	2-Undecanone	2-Undecanone
Content (NLT)	95.0 % (GC)	96.0 %	96.0 % GC(M-1a)
Refractive index	1.426-1.436 (n _{20D})	1.428-1.432 (n _{20D})	1.428-1.432 (n _{20D})
Specific gravity	0.822-0.832 (d _{20/20})	0.822-0.826 (d _{25/25})	0.822-0.826 (d _{25/25})
Acid value (NMT)		5.0	5.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3 MS : 3,4,5 NMR : 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