

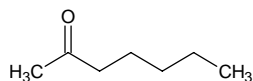
## 2-heptanone

### 2-ヘプタノン

Formula C<sub>7</sub>H<sub>14</sub>O

Mol. Wt. 114.19

CAS No. 110-43-0



SEQ No. 1627 ケトン類

FEMA No. 2544

JECFA No. 283

	JFFMA	JECFA	FCC
Chemical name	2-heptanone	2-Heptanone	2-Heptanone
Content (NLT)	95.0 % (GC)	95.0 %	95.0 % GC(M-1b)
Refractive index	1.404–1.414 (n <sub>20D</sub> )	1.405–1.411 (n <sub>20D</sub> )	1.405–1.411 (n <sub>20D</sub> )
Specific gravity	0.812–0.822 (d <sub>20/20</sub> )	0.814–0.819 (d <sub>25/25</sub> )	0.811–0.816 (d <sub>25/25</sub> )
Acid value (NMT)		2.0	2.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		Water ≤0.3% Res. On Evap.: ≤5 mg/100 ml; Distillation Range: 147– 154°	Water max. 0.3% /KF Residue on Evap. 5mg/100ml(M-16)
Identification*	IR : 1,2,3 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