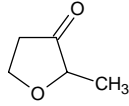


2-methyltetrahydrofuran-3-one

2-メチルテトラヒドロフラン-3-オン

Formula C₅H₈O₂

Mol. Wt. 100.12



CAS No. 3188-00-9

SEQ No. 1865 ケトン類

FEMA No. 3373

JECFA No. 1448

	JFFMA	JECFA	FCC
Chemical name	2-methyltetrahydrofuran-3-one	2-Methyltetrahydrofuran-3-one	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.426-1.432 (n _{20D})	1.534-1.537 (n _{20D})	
Specific gravity	1.040-1.050 (d _{20/20})	1.180-1.185 (d _{25/25})	
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3	NMR	

*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