

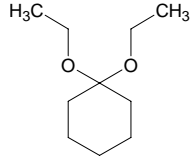
# cyclohexanone diethyl acetal

## シクロヘキサノン ジエチル アセタール

Formula C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>

Mol. Wt. 172.26

CAS No. 1670-47-9



SEQ No. 444 エーテル類

FEMA No. 4516

JECFA No. 2051

	JFFMA	JECFA	FCC
Chemical name	cyclohexanone diethyl acetal	Cyclohexanone diethyl ketal	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.432-1.442 (n <sub>20D</sub> )	1.432-1.442 (n <sub>20D</sub> )	
Specific gravity	0.911-0.921 (d <sub>20/20</sub> )	0.911-0.921 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3 NMR :3	MS	

### \*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