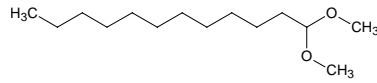


dodecanal dimethyl acetal

ドデカナル ジメチル アセタール

Formula C₁₄H₃₀O₂



Mol. Wt. 230.39

CAS No. 14620-52-1

SEQ No. 697 エーテル類

FEMA No. 4366

JECFA No. 1746

	JFFMA	JECFA	FCC
Chemical name	dodecanal dimethyl acetal	Dodecanal dimethyl acetal	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.428-1.434 (n _{20D})	1.428-1.434 (n _{20D})	
Specific gravity	0.847-0.853 (d _{20/20})	0.847-0.853 (d _{25/25})	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : 1,4,5 NMR :	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