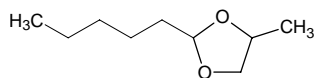


hexanal propyleneglycol acetal

ヘキサナル プロピレングリコール アセタール

Formula C₉H₁₈O₂



Mol. Wt. 158.24

CAS No. 1599-49-1

SEQ No. 1097 エーテル類

FEMA No. 3630

JECFA No. 928

	JFFMA	JECFA	FCC
Chemical name	hexanal propyleneglycol acetal	4-Methyl-2-pentyl-1,3-dioxolane	
Content (NLT)	95.0 % (GC)	97 % sum of isomers	
Refractive index	1.418-1.428 (n _{20D})	1.418-1.425 (n _{20D})	
Specific gravity	0.893-0.903 (d _{20/20})	0.893-0.901 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR : 1 MS : 4,5 NMR :	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