

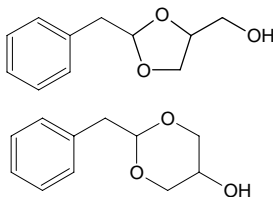
phenylacetaldehyde glyceryl acetal

フェニルアセトアルデヒド グリセリル アセタール

Formula C₁₁H₁₄O₃

Mol. Wt. 194.23

CAS No. 29895-73-6



SEQ No. 2150 エーテル類

FEMA No. 2877

JECFA No. 1004

	JFFMA	JECFA	FCC
Chemical name	phenylacetaldehyde glyceryl acetal	Phenylacetaldehyde glyceryl acetal	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.527-1.537 (n _{20D})	1.524-1.536 (n _{20D})	
Specific gravity	1.155-1.165 (d _{20/20})	1.158-1.168 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : MS : NMR :1	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