

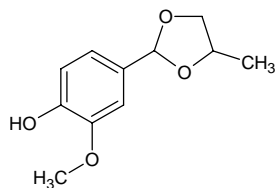
vanillin propyleneglycol acetal

バニリン プロピレングリコール アセタール

Formula C₁₁H₁₄O₄

Mol. Wt. 210.23

CAS No. 68527-74-2



SEQ No. 2492 フェノール類

FEMA No. 3905

JECFA No. 1882

	JFFMA	JECFA	FCC
Chemical name	vanillin propyleneglycol acetal	Vanillin propylene glycol acetal	
Content (NLT)	94.0 % (GC)	79 %	
Refractive index	1.536-1.546 (n _{20D})	1.533-1.543 (n _{20D})	
Specific gravity	1.205-1.215 (d _{20/20})	1.196-1.206 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements		SC: Vanillin (18-20%)	
Identification*	IR : MS :4,5 NMR :1	HNMR	

*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