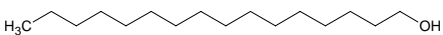


hexadecanol

ヘキサデカノール

Formula C16H34O1 

Mol. Wt. 242.44

CAS No. 36653-82-4

SEQ No. 1076 脂肪族高級アルコール類

FEMA No. 2554

JECFA No. 114

	JFFMA	JECFA	FCC
Chemical name	hexadecanol	1-Hexadecanol	
Content (NLT)	95.0 % (GC)	97 %	
Refractive index		1.4283 (78.9°C)	
Specific gravity		0.8152 (55°C)	
Acid value (NMT)		1.0	
Melting/Congeealing point	MP: 47 to 53°C	CP: 46°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 gm in 3ml 90% alcohol	
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