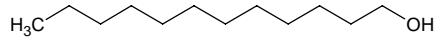


dodecanol

ドデカノール

Formula C₁₂H₂₆O



Mol. Wt. 186.33

CAS No. 112-53-8

SEQ No. 700 脂肪族高級アルコール類

FEMA No. 2617

JECFA No. 109

	JFFMA	JECFA	FCC
Chemical name	dodecanol	Lauryl alcohol	Lauryl Alcohol
Content (NLT)	97.0 % (GC)	97 %	97.0 % GC(M-1b)
Refractive index		1.440-1.444 (n _{20D})	1.440-1.444 (n _{20D})
Specific gravity		0.830-0.836 (d _{25/25})	0.830-0.836 (d _{25/25})
Acid value (NMT)		1.0	1.0
Melting/Congeeing point	CP: 23 to 27°C	SP: >21°C	SP: NLT 21°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 3 ml 70% alcohol; remains clear to 10 ml	1 mL in 3 mL 70% alc remains clear to 10 mL
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 3,4,5 NMR : 3,6	IR	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