

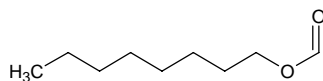
octyl formate

オクチル ホーマート

Formula C₉H₁₈O₂

Mol. Wt. 158.24

CAS No. 112-32-3



SEQ No. 2052 エステル類

FEMA No. 2809

JECFA No. 122

	JFFMA	JECFA	FCC
Chemical name	octyl formate	Octyl formate	Octyl Formate
Content (NLT)	97.0 % (GC)	96.0 %	96.0 % GC(M-1b)
Refractive index	1.415-1.422 (n _{20D})	1.418-1.420 (n _{20D})	1.418-1.420 (n _{20D})
Specific gravity	0.872-0.880 (d _{20/20})	0.869-0.874 (d _{25/25})	0.869-0.874 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 5 ml 70% alcohol	1 mL in 5 mL 70% alc remains in soln to 10 mL
Other requirements			
Identification*	IR :1,2 MS :4,5 NMR :	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