

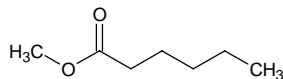
methyl hexanoate

メチル ヘキサノエート

Formula C₇H₁₄O₂

Mol. Wt. 130.18

CAS No. 106-70-7



SEQ No. 1658 エステル類

FEMA No. 2708

JECFA No. 1871

	JFFMA	JECFA	FCC
Chemical name	methyl hexanoate	Methyl hexanoate	Methyl Hexanoate
Content (NLT)	98.0 % (GC)	98 %	98.0 % (M-1b)
Refractive index	1.403-1.409 (n _{20D})	1.402-1.409 (n _{20D})	1.402-1.408 (n _{20D})
Specific gravity	0.883-0.889 (d _{20/20})	0.880-0.889 (d _{25/25})	0.880-0.886 (d _{25/25})
Acid value (NMT)	1.0	1.0	2.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 2,3,5,6 MS : 3,4,5 NMR : 1,3,6	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