

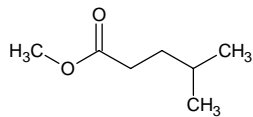
methyl 4-methylpentanoate

メチル 4-メチルペンタノエート

Formula C₇H₁₄O₂

Mol. Wt. 130.18

CAS No. 2412-80-8



SEQ No. 1615 エステル類

FEMA No. 2721

JECFA No. 216

	JFFMA	JECFA	FCC
Chemical name	methyl 4-methylpentanoate	Methyl 4-methylvalerate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.400-1.408 (n _{20D})	1.402-1.406 (n _{20D})	
Specific gravity	0.878-0.886 (d _{20/20})	0.885-0.892 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
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