

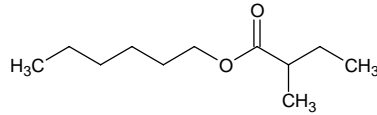
hexyl 2-methylbutyrate

ヘキシル 2-メチルブチレート

Formula C₁₁H₂₂O₂

Mol. Wt. 186.29

CAS No. 10032-15-2



SEQ No. 1192 エステル類

FEMA No. 3499

JECFA No. 208

	JFFMA	JECFA	FCC
Chemical name	hexyl 2-methylbutyrate	Hexyl 2-methylbutanoate	Hexyl 2-Methylbutyrate
Content (NLT)	98.0 % (GC)	95 %	95.0 % one isomers /GC(M-1a)
Refractive index	1.416-1.422 (n _{20D})	1.416-1.421 (n _{20D})	1.416-1.421 (n _{20D})
Specific gravity	0.858-0.864 (d _{20/20})	0.854-0.859 (d _{25/25})	0.854-0.859 (d _{25/25})
Acid value (NMT)	1.0	2.0	2.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 95% 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