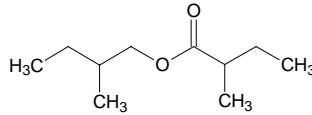


2-methylbutyl 2-methylbutyrate

2-メチルブチル 2-メチルブチレート

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26



CAS No. 2445-78-5

SEQ No. 1807 エステル類

FEMA No. 3359

JECFA No. 212

	JFFMA	JECFA	FCC
Chemical name	2-methylbutyl 2-methylbutyrate	2-Methylbutyl 2-methylbutyrate	
Content (NLT)	95.0 % (GC)	90 %	
Refractive index	1.408-1.418 (n _{20D})	1.409-1.509 (n _{20D})	
Specific gravity	0.856-0.867 (d _{20/20})	0.854-0.864 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		SC: 2-methylbutyl isovalerate	
Identification*	IR : 1,3,6 MS : 4,5 NMR : 6	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