

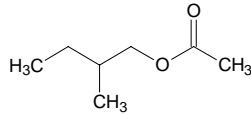
2-methylbutyl acetate

2-メチルブチル アセテート

Formula C₇H₁₄O₂

Mol. Wt. 130.18

CAS No. 624-41-9



SEQ No. 1808 エステル類

FEMA No. 3644

JECFA No. 138

	JFFMA	JECFA	FCC
Chemical name	2-methylbutyl acetate	2-Methylbutyl acetate	2-Methylbutyl Acetate
Content (NLT)	97.0 % (GC)	99.0 %	97.0 % GC(M-1b)
Refractive index	1.398-1.404 (n _{20D})	1.399-1.404 (n _{20D})	1.399-1.404 (n _{20D})
Specific gravity	0.873-0.879 (d _{20/20})	0.872-0.877 (d _{25/25})	0.872-0.877 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 MS :3,4,5 NMR :3,6	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