

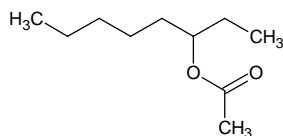
3-octyl acetate

3-オクチル アセテート

Formula C₁₀H₂₀O₂

Mol. Wt. 172.26

CAS No. 4864-61-3



SEQ No. 2045 エステル類

FEMA No. 3583

JECFA No. 313

	JFFMA	JECFA	FCC
Chemical name	3-octyl acetate	3-Octyl acetate	3-Octyl Acetate
Content (NLT)	95.0 % (GC)	98.0 %	98.0 % GC(M-1b)
Refractive index	1.409-1.419 (n _{20D})	1.414-1.419 (n _{20D})	1.414-1.419 (n _{20D})
Specific gravity	0.856-0.871 (d _{20/20})	0.856-0.860 (d _{25/25})	0.856-0.860 (d _{25/25})
Acid value (NMT)	2.0	2.0	2.0
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