

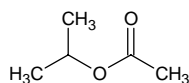
isopropyl acetate

イソプロピル アセテート

Formula C₅H₁₀O₂

Mol. Wt. 102.13

CAS No. 108-21-4



SEQ No. 1401 エステル類

FEMA No. 2926

JECFA No. 305

	JFFMA	JECFA	FCC
Chemical name	isopropyl acetate	Isopropyl acetate	Isopropyl Acetate
Content (NLT)	98.0 % (GC)	99.0 %	99.0 % GC(M-1b)
Refractive index	1.374-1.380 (n _{20D})	1.377 (n _{20D})	
Specific gravity	0.870-0.876 (d _{20/20})	0.856-0.862 (20°C)	0.866-0.869 (d _{25/25})
Acid value (NMT)	1.0	2.0	2.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		Water: =<0.2% Nonvolatile Res.: =<5 mg/100 ml	
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	IR	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