

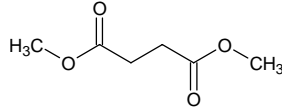
dimethyl succinate

ジメチル サクシネート

Formula C₆H₁₀O₄

Mol. Wt. 146.14

CAS No. 106-65-0



SEQ No. 624 エステル類

FEMA No. 2396

JECFA No. 616

	JFFMA	JECFA	FCC
Chemical name	dimethyl succinate	Dimethyl succinate	Dimethyl Succinate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.418-1.422 (n _{20D})	1.418-1.422 (n _{20D})	1.418-1.421 (n _{20D})
Specific gravity	1.119-1.125 (d _{20/20})	1.114-1.118 (d _{25/25})	1.114-1.118 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 mL in 1 mL 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,3,5,6 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