

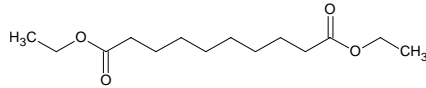
diethyl sebacate

ジエチル セバケート

Formula C₁₄H₂₆O₄

Mol. Wt. 258.35

CAS No. 110-40-7



SEQ No. 554 エステル類

FEMA No. 2376

JECFA No. 624

	JFFMA	JECFA	FCC
Chemical name	diethyl sebacate	Diethyl sebacate	Diethyl Sebacate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.434-1.440 (n _{20D})	1.434-1.440 (n _{20D})	1.435-1.438 (n _{20D})
Specific gravity	0.962-0.968 (d _{20/20})	0.960-0.965 (d _{25/25})	0.960-0.965 (d _{25/25})
Acid value (NMT)	1.0	1	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 3,4,5 NMR : 3	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