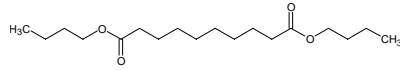


dibutyl sebacate

ジブチル セバケート

Formula C₁₈H₃₄O₄



Mol. Wt. 314.46

CAS No. 109-43-3

SEQ No. 541 エステル類

FEMA No. 2373

JECFA No. 625

	JFFMA	JECFA	FCC
Chemical name	dibutyl sebacate	Dibutyl sebacate	
Content (NLT)	98.0 % (GC)	93 %	
Refractive index	1.439-1.445 (n _{20D})	1.439-1.444 (n _{20D})	
Specific gravity	0.935-0.941 (d _{20/20})	0.936-0.940 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		SC: butyl esters of C14, C16, C18 fatty acids	
Identification*	IR :1,3 MS :3,4,5 NMR :3	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