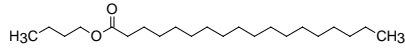


butyl stearate

ブチル ステアレート

Formula C₂₂H₄₄O₂



Mol. Wt. 340.58

CAS No. 123-95-5

SEQ No. 312 エステル類

FEMA No. 2214

JECFA No. 184

	JFFMA	JECFA	FCC
Chemical name	butyl stearate	Butyl stearate	Butyl Stearate
Content (NLT)	97.0 % (GC)	99 % by ester determination	Saponification Value- between 165 and 180
Refractive index			
Specific gravity		0.855-0.875 (d ₂₅ /25)	
Acid value (NMT)	1.0		
Melting/Congeeing point	MP: 25 to 28°C	MP: 25°C	MP: 17 to 21°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 6 mL 95% alc
Other requirements		Iodine Value: < 1; Saponification Value: 165 to 180	Iodine Value max 1
Identification*	IR : 1,3,5 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