

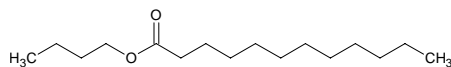
# butyl laurate

## ブチル ラウレート

Formula C<sub>16</sub>H<sub>32</sub>O<sub>2</sub>

Mol. Wt. 256.42

CAS No. 106-18-3



SEQ No. 294 エステル類

FEMA No. 2206

JECFA No. 181

	JFFMA	JECFA	FCC
Chemical name	butyl laurate	Butyl laurate	
Content (NLT)	98.0 % (GC)	98.0 %	
Refractive index	1.432-1.438 (n <sub>20D</sub> )	1.430-1.438 (n <sub>20D</sub> )	
Specific gravity	0.858-0.865 (d <sub>20/20</sub> )	0.853-0.863 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0		
Melting/Congeeing point		MP: -7°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5 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 SDDBS(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