

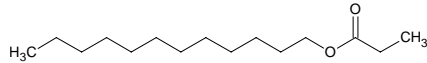
# dodecyl propionate

## ドデシル プロピオネート

Formula C<sub>15</sub>H<sub>30</sub>O<sub>2</sub>

Mol. Wt. 242.40

CAS No. 6221-93-8



SEQ No. 713 エステル類

FEMA No. 4338

JECFA No. 1876

	JFFMA	JECFA	FCC
Chemical name	dodecyl propionate	Dodecyl propionate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.432-1.436 (n <sub>20D</sub> )	1.432-1.436 (n <sub>20D</sub> )	
Specific gravity	0.860-0.866 (d <sub>20/20</sub> )	0.860-0.866 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,3 MS :1,3 NMR :1,3	HNMR IR MS	

### \*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