

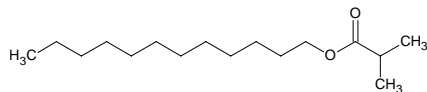
# dodecyl isobutyrate

## ドデシル イソブチレート

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

Mol. Wt. 256.42

CAS No. 6624-71-1



SEQ No. 709 エステル類

FEMA No. 3452

JECFA No. 193

	JFFMA	JECFA	FCC
Chemical name	dodecyl isobutyrate	Dodecyl isobutyrate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.430-1.438 (n <sub>20D</sub> )	1.432-1.436 (n <sub>20D</sub> )	
Specific gravity	0.852-0.859 (d <sub>20/20</sub> )	0.854-0.860 (d <sub>20/20</sub> )	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :4 NMR :	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