

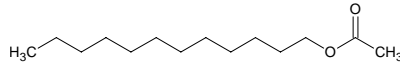
# dodecyl acetate

## ドデシル アセテート

Formula C<sub>14</sub>H<sub>28</sub>O<sub>2</sub>

Mol. Wt. 228.37

CAS No. 112-66-3



SEQ No. 1458 エステル類

FEMA No. 2616

JECFA No. 133

	JFFMA	JECFA	FCC
Chemical name	dodecyl acetate	Lauryl acetate	
Content (NLT)	97.0 % (GC)	98 %	
Refractive index	1.430-1.436 (n <sub>20D</sub> )	1.410-1.436 (n <sub>20D</sub> )	
Specific gravity	0.862-0.868 (d <sub>20/20</sub> )	0.860-0.865 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 4 ml 80% alcohol	
Other requirements			
Identification*	IR : 1,3,5,6 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 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