

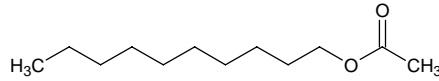
# decyl acetate

## デシル アセテート

Formula C<sub>12</sub>H<sub>24</sub>O<sub>2</sub>

Mol. Wt. 200.32

CAS No. 112-17-4



SEQ No. 519 エステル類

FEMA No. 2367

JECFA No. 132

	JFFMA	JECFA	FCC
Chemical name	decyl acetate	Decyl acetate	
Content (NLT)	95.0 % (GC)	98.0 %	
Refractive index	1.423-1.433 (n <sub>20D</sub> )	1.424-1.430 (n <sub>20D</sub> )	
Specific gravity	0.861-0.871 (d <sub>20/20</sub> )	0.861-0.866 (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 2 ml 80% alcohol	
Other requirements			
Identification*	IR :1 MS :4,5 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