

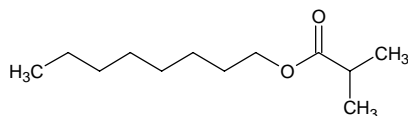
# octyl isobutyrate

## オクチル イソブチレート

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

Mol. Wt. 200.32

CAS No. 109-15-9



SEQ No. 2056 エステル類

FEMA No. 2808

JECFA No. 192

	JFFMA	JECFA	FCC
Chemical name	octyl isobutyrate	Octyl isobutyrate	Octyl Isobutyrate
Content (NLT)	98.0 % (GC)	98.0 %	98.0 % GC(M-1a)
Refractive index	1.419-1.425 (n <sub>20D</sub> )	1.420-1.425 (n <sub>20D</sub> )	1.420-1.425 (n <sub>20D</sub> )
Specific gravity	0.855-0.861 (d <sub>20/20</sub> )	0.853-0.858 (d <sub>25/25</sub> )	0.853-0.858 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR :1 MS :4,5 NMR :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