

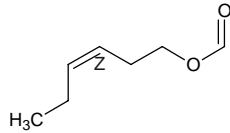
# cis-3-hexenyl formate

## cis-3-ヘキセニル ホーマート

Formula C<sub>7</sub>H<sub>12</sub>O<sub>2</sub>

Mol. Wt. 128.17

CAS No. 33467-73-1



SEQ No. 1159 エステル類

FEMA No. 3353

JECFA No. 123

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenyl formate	cis-3-Hexenyl formate	(Z)-3-Hexenyl Formate
Content (NLT)	94.0 % (GC)	95.0 %	95.0 % GC(M-1b)
Refractive index	1.422-1.432 (n <sub>20D</sub> )	1.417-1.437 (n <sub>20D</sub> )	1.424-1.430 (n <sub>20D</sub> )
Specific gravity	0.910-0.920 (d <sub>20/20</sub> )	0.898-0.918 (d <sub>25/25</sub> )	0.907-0.915 (d <sub>25/25</sub> )
Acid value (NMT)	2.0		5.0 (add ice to soln)
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2 MS : 4,5 NMR :	IR	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