

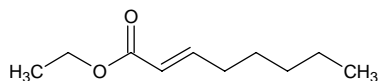
# ethyl 2-octenoate

## エチル 2-オクテノエート

Formula C<sub>10</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 170.25

CAS No. 2351-90-8



SEQ No. 770 エステル類

FEMA No. 3643

JECFA No. 1812

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-octenoate	Ethyl trans-2-octenoate	
Content (NLT)	97.0 % (GC)	98 %	
Refractive index	1.439-1.445 (n <sub>25D</sub> )	1.439-1.445 (n <sub>20D</sub> )	
Specific gravity	0.888-0.894 (d <sub>20/20</sub> )	0.888-0.894 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :1	HNMR IR MS	

### \*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