

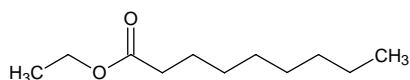
# ethyl nonanoate

## エチル ノナノエート

Formula C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>

Mol. Wt. 186.29

CAS No. 123-29-5



SEQ No. 858 エステル類

FEMA No. 2447

JECFA No. 34

	JFFMA	JECFA	FCC
Chemical name	ethyl nonanoate	Ethyl nonanoate	Ethyl Nonanoate
Content (NLT)	95.0 % (GC)	98.0 %	98.0 % GC(M-1b)
Refractive index	1.418-1.428 (n <sub>20D</sub> )	1.420-1.424 (n <sub>20D</sub> )	1.420-1.424 (n <sub>20D</sub> )
Specific gravity	0.863-0.873 (d <sub>20/20</sub> )	0.863-0.867 (d <sub>25/25</sub> )	0.863-0.867 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	3.0	3.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1ml in 10ml 70% ethanol	1 mL in 10 mL 70% alc
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	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