

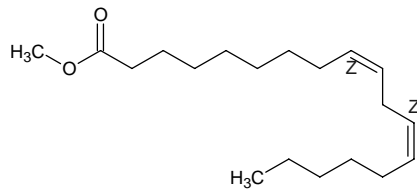
# methyl linoleate

## メチル リノレート

Formula C<sub>19</sub>H<sub>34</sub>O<sub>2</sub>

Mol. Wt. 294.47

CAS No. 112-63-0



SEQ No. 1674 エステル類

FEMA No. 3411

JECFA No. 346

	JFFMA	JECFA	FCC
Chemical name	methyl linoleate	Methyl linoleate & Methyl linolenate (mixture)	
Content (NLT)	98.0 % (Chem)	60 % sum of methyl linoleate and linolenate	
Refractive index	1.453-1.463 (n <sub>20D</sub> )	1.459-1.466 (n <sub>20D</sub> )	
Specific gravity	0.879-0.889 (d <sub>20/20</sub> )	0.883-0.893 (20°C)	
Acid value (NMT)	1.0		
Melting/Congealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		SC: methyl stearate, methyl oleate, methyl palmitate	
Identification*	IR : 1,3,5 MS : 3,4,5 NMR : 3,6	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