

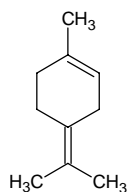
# terpinolene

## テルピノレン

Formula C<sub>10</sub>H<sub>16</sub>

Mol. Wt. 136.23

CAS No. 586-62-9



SEQ No. 2325 テルペン系炭化水素類

FEMA No. 3046

JECFA No. 1331

	JFFMA	JECFA	FCC
Chemical name	terpinolene	Terpinolene	
Content (NLT)	88.0 % (GC)	95 %	
Refractive index	1.480-1.500 (n <sub>20D</sub> )	1.474-1.484 (n <sub>20D</sub> )	
Specific gravity	0.855-0.872 (d <sub>20/20</sub> )	0.872-0.882 (d <sub>25/25</sub> )	
Acid value (NMT)		1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :5 MS :4,5 NMR :1	NMR	

### \*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