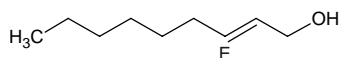


trans-2-nonenol

trans-2-ノネノール

Formula C₉H₁₈O



Mol. Wt. 142.24

CAS No. 31502-14-4

SEQ No. 1977 脂肪族高級アルコール類

FEMA No. 3379

JECFA No. 1365

	JFFMA	JECFA	FCC
Chemical name	trans-2-nonenol	trans-2-Nonen-1-ol	(E)-2-Nonen-1-ol
Content (NLT)	95.0 % (GC)	95 %	96.0 % one major isomer
Refractive index	1.442-1.452 (n _{20D})	1.444-1.448 (n _{20D})	1.444-1.452 (n _{20D})
Specific gravity	0.835-0.845 (d _{20/20})	0.835-0.845 (d _{25/25})	0.830-0.850 (d _{25/25})
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,5 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