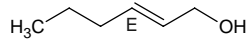


# trans-2-hexenol

## trans-2-ヘキセノール

Formula C<sub>6</sub>H<sub>12</sub>O



Mol. Wt. 100.16

CAS No. 928-95-0

SEQ No. 1127 脂肪族高級アルコール類

FEMA No. 2562

JECFA No. 1354

	JFFMA	JECFA	FCC
Chemical name	trans-2-hexenol	2-Hexen-1-ol	(E)-2-Hexen-1-ol
Content (NLT)	95.0 % (GC)	95 % sum of cis/trans isomers	95.0 % GC(M-1a)
Refractive index	1.433-1.443 (n <sub>20D</sub> )	1.437-1.442 (n <sub>20D</sub> )	1.436-1.441 (n <sub>20D</sub> )
Specific gravity	0.839-0.849 (d <sub>20/20</sub> )	0.836-0.841 (d <sub>25/25</sub> )	0.839-0.844 (d <sub>25/25</sub> )
Acid value (NMT)		2	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 1,3,6	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