

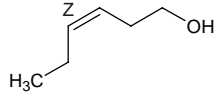
cis-3-hexenol

cis-3-ヘキセノール

Formula C₆H₁₂O

Mol. Wt. 100.16

CAS No. 928-96-1



SEQ No. 1125 脂肪族高級アルコール類

FEMA No. 2563

JECFA No. 315

	JFFMA	JECFA	FCC
Chemical name	cis-3-hexenol	cis-3-Hexen-1-ol	(Z)-3-Hexenol
Content (NLT)	95.0 % (GC)	98.0 % sum of (Z) and (E) isomers, =<92.0% (Z)	98.0 % sum of (Z)- and (E)- isomers; min 92% (Z) /GC(M-1a)
Refractive index	1.436-1.446 (n _{20D})	1.439-1.441 (n _{20D})	1.436-1.443 (n _{20D})
Specific gravity	0.845-0.855 (d _{20/20})	0.846-0.850 (d _{25/25})	0.846-0.850 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
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