

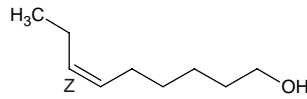
cis-6-nonenol

cis-6-ノネノール

Formula C₉H₁₈O

Mol. Wt. 142.24

CAS No. 35854-86-5



SEQ No. 1975 脂肪族高級アルコール類

FEMA No. 3465

JECFA No. 324

	JFFMA	JECFA	FCC
Chemical name	cis-6-nonenol	cis-6-Nonen-1-ol	(Z)-6-Nonen-1-ol
Content (NLT)	94.0 % (GC)	95.0 % one major isomer	95.0 % one major isomer /GC(M-1a)
Refractive index	1.444-1.454 (n ₂₀ D)	1.448-1.450 (n ₂₀ D)	1.446-1.452 (n ₂₀ D)
Specific gravity	0.844-0.854 (d ₂₀ /20)	0.844-0.851 (d ₂₅ /25)	0.850-0.870 (d ₂₅ /25)
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,5,6 MS : 4,5 NMR : 3	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