

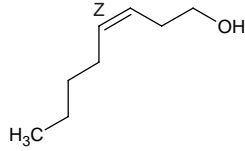
# cis-3-octenol

## cis-3-オクテノール

Formula C<sub>8</sub>H<sub>16</sub>O

Mol. Wt. 128.21

CAS No. 20125-84-2



SEQ No. 2038 脂肪族高級アルコール類

FEMA No. 3467

JECFA No. 321

	JFFMA	JECFA	FCC
Chemical name	cis-3-octenol	cis-3-Octen-1-ol	(Z)-3-Octen-1-ol
Content (NLT)	92.0 % (GC)	96.0 % as (Z) isomer	95.0 % as (Z)-isomer /GC(M-1a)
Refractive index	1.440-1.450 (n <sub>20D</sub> )	1.440-1.446 (n <sub>20D</sub> )	1.440-1.446 (n <sub>20D</sub> )
Specific gravity	0.844-0.854 (d <sub>20/20</sub> )	0.830-0.850 (d <sub>25/25</sub> )	0.830-0.850 (d <sub>25/25</sub> )
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 : 1,5 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