

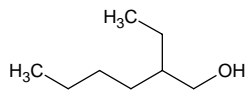
## 2-ethylhexanol

### 2-エチルヘキサノール

Formula C<sub>8</sub>H<sub>18</sub>O

Mol. Wt. 130.23

CAS No. 104-76-7



SEQ No. 922 脂肪族高級アルコール類

FEMA No. 3151

JECFA No. 267

	JFFMA	JECFA	FCC
Chemical name	2-ethylhexanol	2-Ethyl-1-hexanol	2-Ethyl Hexanol
Content (NLT)	98.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.428-1.435 (n <sub>20D</sub> )	1.429-1.434 (n <sub>20D</sub> )	1.429-0.434 (n <sub>20D</sub> )
Specific gravity	0.832-0.839 (d <sub>20/20</sub> )	0.830-0.834 (d <sub>25/25</sub> )	0.830-0.834 (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 :1,3,6 MS :3,4,5 NMR :3,6	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