

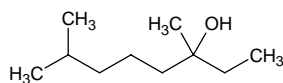
# 3,7-dimethyl-3-octanol

## 3,7-ジメチル-3-オクタノール

Formula C<sub>10</sub>H<sub>22</sub>O

Mol. Wt. 158.28

CAS No. 78-69-3



SEQ No. 2362 脂肪族高級アルコール類

FEMA No. 3060

JECFA No. 357

	JFFMA	JECFA	FCC
Chemical name	3,7-dimethyl-3-octanol	Tetrahydrolinalool	Tetrahydrolinalool
Content (NLT)	98.0 % (GC)	98.0 %	95.0 % GC(M-1a)
Refractive index	1.430-1.436 (n <sub>20D</sub> )	1.431-1.435 (n <sub>20D</sub> )	1.431-1.435 (n <sub>20D</sub> )
Specific gravity	0.827-0.833 (d <sub>20/20</sub> )	0.823-0.829 (d <sub>25/25</sub> )	0.823-0.829 (d <sub>25/25</sub> )
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 2 ml 70% alcohol	
Other requirements			
Identification*	IR : 1,3,5,6 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