

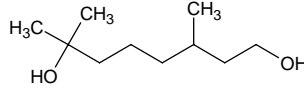
# hydroxycitronellol

## ヒドロキシシトロネロール

Formula C<sub>10</sub>H<sub>22</sub>O<sub>2</sub>

Mol. Wt. 174.28

CAS No. 107-74-4



SEQ No. 1272 脂肪族高級アルコール類

FEMA No. 2586

JECFA No. 610

	JFFMA	JECFA	FCC
Chemical name	hydroxycitronellol	Hydroxycitronellol	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.456-1.462 (n <sub>20D</sub> )	1.455-1.460 (n <sub>20D</sub> )	
Specific gravity	0.929-0.935 (d <sub>20/20</sub> )	0.922-0.930 (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 60% alcohol	
Other requirements		Aldehyde content max.10% (as hydroxycitronellal)	
Identification*	IR :1 MS :4,5 NMR :	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