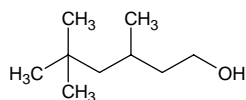


# 3,5,5-trimethylhexanol

## 3,5,5-トリメチルヘキサノール

Formula C<sub>9</sub>H<sub>20</sub>O

Mol. Wt. 144.25



CAS No. 3452-97-9

SEQ No. 2437 脂肪族高級アルコール類

FEMA No. 3324

JECFA No. 268

	JFFMA	JECFA	FCC
Chemical name	3,5,5-trimethylhexanol	3,5,5-Trimethyl-1-hexanol	
Content (NLT)	90.0 % (GC)	97.0 %	
Refractive index	1.428-1.442 (n <sub>20D</sub> )	1.435 (n <sub>20D</sub> )	
Specific gravity	0.821-0.835 (d <sub>20/20</sub> )	0.835 (d <sub>20/20</sub> )	
Acid value (NMT)		2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 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