

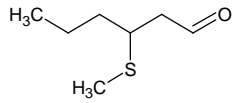
3-(methylthio)hexanal

3-(メチルチオ)ヘキサナル

Formula C₇H₁₄OS

Mol. Wt. 146.25

CAS No. 38433-74-8



SEQ No. 2831 脂肪族高級アルデヒド類

FEMA No. 3877

JECFA No. 469

	JFFMA	JECFA	FCC
Chemical name	3-(methylthio)hexanal	3-Methylthiohexanal	
Content (NLT)	99.0 % (GC)	95.8 %	
Refractive index	1.476-1.484 (n _{20D})	1.475-1.485 (n _{20D})	
Specific gravity	0.966-0.972 (d _{20/20})	0.967-0.968 (d _{25/25})	
Acid value (NMT)	10.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 2 ml 70% alcohol	
Other requirements			
Identification*	IR :1 MS :4 NMR :1	IR, NMR	

*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