

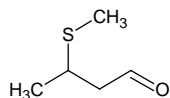
## 3-(methylthio)butanal

### 3-(メチルチオ)ブタナール

Formula C<sub>5</sub>H<sub>10</sub>OS

Mol. Wt. 118.20

CAS No. 16630-52-7



SEQ No. 1876 チオエーテル類

FEMA No. 3374

JECFA No. 467

	JFFMA	JECFA	FCC
Chemical name	3-(methylthio)butanal	3-(Methylthio)butanal	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.471-1.481 (n <sub>20D</sub> )	1.473-1.517 (n <sub>20D</sub> )	
Specific gravity	0.998-1.008 (d <sub>20/20</sub> )	0.994-1.003 (d <sub>25/25</sub> )	
Acid value (NMT)	10.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
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