

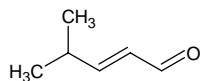
# 4-methyl-2-pentenal

## 4-メチル-2-ペンテナール

Formula C<sub>6</sub>H<sub>10</sub>O

Mol. Wt. 98.14

CAS No. 5362-56-1



SEQ No. 1748 脂肪族高級アルデヒド類

FEMA No. 3510

JECFA No. 1208

	JFFMA	JECFA	FCC
Chemical name	4-methyl-2-pentenal	4-Methyl-2-pentenal	
Content (NLT)	95.0 % (GC)	97 % sum of isomers	
Refractive index	1.447-1.457 (n <sub>20D</sub> )	1.435-1.445 (n <sub>20D</sub> )	
Specific gravity	0.866-0.886 (d <sub>20/20</sub> )	0.858-0.866 (d <sub>25/25</sub> )	
Acid value (NMT)	10.0	2	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1 MS :4 NMR :1	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