

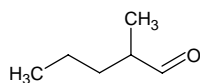
## 2-methylpentanal

### 2-メチルペンタナール

Formula C<sub>6</sub>H<sub>12</sub>O

Mol. Wt. 100.16

CAS No. 123-15-9



SEQ No. 1853 脂肪族高級アルデヒド類

FEMA No. 3413

JECFA No. 260

	JFFMA	JECFA	FCC
Chemical name	2-methylpentanal	2-Methylpentanal	
Content (NLT)	97.0 % (GC)	97 % by aldehyde determination	
Refractive index	1.398-1.404 (n <sub>20D</sub> )	1.412 (n <sub>20D</sub> )	
Specific gravity	0.805-0.820 (d <sub>20/20</sub> )	0.805-0.811 (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