

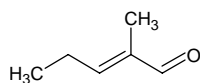
2-methyl-2-pentenal

2-メチル-2-ペンテナール

Formula C₆H₁₀O

Mol. Wt. 98.14

CAS No. 623-36-9



SEQ No. 1747 脂肪族高級アルデヒド類

FEMA No. 3194

JECFA No. 1209

	JFFMA	JECFA	FCC
Chemical name	2-methyl-2-pentenal	2-Methyl-2-pentenal	
Content (NLT)	97.0 % (GC)	92 %	
Refractive index	1.444-1.455 (n _{20D})	1.445-1.453 (n _{20D})	
Specific gravity	0.845-0.875 (d _{20/20})	0.855-0.865 (d _{25/25})	
Acid value (NMT)	5.0	3	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements		SC: propionaldehyde, propionic acid	
Identification*	IR : 1,5,6 MS : 1,4,5 NMR : 6	IR MS	

*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