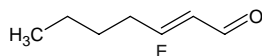


trans-2-heptenal

trans-2-ヘプテナール

Formula C₇H₁₂O



Mol. Wt. 112.17

CAS No. 18829-55-5

SEQ No. 1046 脂肪族高級アルデヒド類

FEMA No. 3165

JECFA No. 1360

	JFFMA	JECFA	FCC
Chemical name	trans-2-heptenal	trans-2-Heptenal	
Content (NLT)	95.0 % (GC)	97 %	
Refractive index	1.444-1.454 (n _{20D})	1.428-1.434 (n _{20D})	
Specific gravity	0.841-0.851 (d _{20/20})	0.857-0.863 (d _{25/25})	
Acid value (NMT)	10.0	5.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3 MS : 3,4,5 NMR : 3,6	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