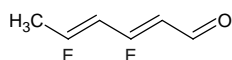


trans,trans-2,4-hexadienal

trans,trans-2,4-ヘキサジエナル

Formula C₆H₈O



Mol. Wt. 96.13

CAS No. 142-83-6

SEQ No. 1080 脂肪族高級アルデヒド類

FEMA No. 3429

JECFA No. 1175

	JFFMA	JECFA	FCC
Chemical name	trans,trans-2,4-hexadienal	(E,E)-2,4-Hexadienal	
Content (NLT)	95.0 % (GC) sum of isomers	97 %	
Refractive index	1.535-1.545 (n _{20D})	1.538-1.543 (n _{20D})	
Specific gravity	0.892-0.902 (d ₂₀ /20)	0.896-0.902 (20°C)	
Acid value (NMT)	5.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :3,6 MS :1,3,4,5 NMR :3,6	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