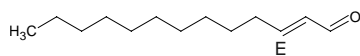


trans-2-tridecenal

trans-2-トリデセナール

Formula C₁₃H₂₄O



Mol. Wt. 196.33

CAS No. 7069-41-2

SEQ No. 2413 脂肪族高級アルデヒド類

FEMA No. 3082

JECFA No. 1359

	JFFMA	JECFA	FCC
Chemical name	trans-2-tridecenal	2-Tridecenal	2-Tridecenal
Content (NLT)	94.0 % (GC)	92 % sum of cis-trans isomers	92.0 % GC(M-1a)
Refractive index	1.455-1.465 (n _{20D})	1.455-1.461 (n _{20D})	1.455-1.460 (n _{20D})
Specific gravity	0.844-0.854 (d _{20/20})	0.842-0.862 (d _{25/25})	0.842-0.862 (d _{25/25})
Acid value (NMT)	5.0	5	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 1 mL 95% ethanol
Other requirements		SC: 2-Tridecenoic acid	
Identification*	IR : 1,2,6 MS : 4,5 NMR :	IR	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