

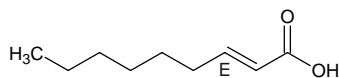
trans-2-nonenoic acid

trans-2-ノネノイック アシド

Formula C₉H₁₆O₂

Mol. Wt. 156.22

CAS No. 14812-03-4



SEQ No. 1972 脂肪酸類

FEMA No. 3954

JECFA No. 1380

	JFFMA	JECFA	FCC
Chemical name	trans-2-nonenoic acid	(E)-2-Nonenoic acid	
Content (NLT)	98.0 % (Chem) sum of isomers	97 %	
Refractive index	1.453-1.463 (n _{20D})	1.456-1.464 (n _{20D})	
Specific gravity	0.927-0.937 (d _{20/20})	0.930-0.940 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1 MS :1 NMR :1	HNMR 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