

9-decenal

9-デセナール

Formula C₁₀H₁₈O 

Mol. Wt. 154.25

CAS No. 39770-05-3

SEQ No. 504 脂肪族高級アルデヒド類

FEMA No. 3912

JECFA No. 1286

	JFFMA	JECFA	FCC
Chemical name	9-decenal	9-Decenal	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.437-1.443 (n _{20D})	1.438-1.442 (n _{20D})	
Specific gravity	0.843-0.849 (d _{25/25})	0.843-0.849 (d _{25/25})	
Acid value (NMT)	5.0	5	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1 MS :1 NMR :1	NMR MS 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