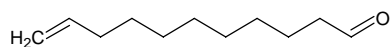


10-undecenal

10-ウンデセナール

Formula C₁₁H₂₀O



Mol. Wt. 168.28

CAS No. 112-45-8

SEQ No. 2464 脂肪族高級アルデヒド類

FEMA No. 3095

JECFA No. 330

	JFFMA	JECFA	FCC
Chemical name	10-undecenal	10-Undecenal	10-Undecenal
Content (NLT)	90.0 % (GC)	90 % min 97% total decenals	90.0 % GC(M-1b)
Refractive index	1.439-1.450 (n _{20D})	1.441-1.447 (n _{20D})	1.441-1.447 (n _{20D})
Specific gravity	0.840-0.856 (d _{20/20})	0.840-0.850 (d _{25/25})	0.840-0.850 (d _{25/25})
Acid value (NMT)	10.0	6	6.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	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