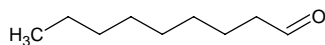


nonanal

ノナナル

Formula C₉H₁₈O



Mol. Wt. 142.24

CAS No. 124-19-6

SEQ No. 1954 脂肪族高級アルデヒド類

FEMA No. 2782

JECFA No. 101

	JFFMA	JECFA	FCC
Chemical name	nonanal	Nonanal	Nonanal
Content (NLT)	95.0 % (GC)	92 %	92.0 % GC(M-1b)
Refractive index	1.418-1.428 (n ₂₀ D)	1.422-1.429 (n ₂₀ D)	1.422-1.429 (n ₂₀ D)
Specific gravity	0.819-0.831 (d ₂₀ /20)	0.820-0.830 (d ₂₅ /25)	0.820-0.830 (d ₂₅ /25)
Acid value (NMT)	10.0	10	10.0
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 3 ml of 70% alcohol	
Other requirements		SC: 2-methyloctanal	
Identification*	IR : 1,2,3,5,6 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