

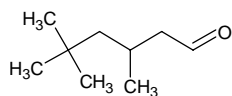
3,5,5-trimethylhexanal

3,5,5-トリメチルヘキサナル

Formula C₉H₁₈O

Mol. Wt. 142.24

CAS No. 5435-64-3



SEQ No. 2434 脂肪族高級アルデヒド類

FEMA No. 3524

JECFA No. 269

	JFFMA	JECFA	FCC
Chemical name	3,5,5-trimethylhexanal	3,5,5-Trimethylhexanal	3,5,5-Trimethyl Hexanal
Content (NLT)	95.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.416-1.426 (n _{20D})	1.419-1.424 (n _{20D})	1.419-1.424 (n _{20D})
Specific gravity	0.816-0.826 (d _{20/20})	0.817-0.823 (d _{25/25})	0.817-0.823 (d _{25/25})
Acid value (NMT)	10.0	5.0	5.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,6 MS : 3,4,5 NMR : 3,6	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