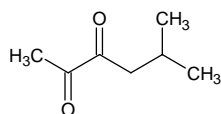


5-methyl-2,3-hexanedione

5-メチル-2,3-ヘキサンジオン

Formula C₇H₁₂O₂

Mol. Wt. 128.17



CAS No. 13706-86-0

SEQ No. 57 ケトン類

FEMA No. 3190

JECFA No. 414

	JFFMA	JECFA	FCC
Chemical name	5-methyl-2,3-hexanedione	5-Methyl-2,3-hexanedione	
Content (NLT)	94.0 % (GC)	95 %	
Refractive index	1.406-1.419 (n _{20D})	1.408-1.414 (n _{20D})	
Specific gravity	0.908-0.919 (d _{20/20})	0.908 (22°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1 MS : NMR :	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