

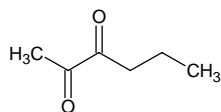
2,3-hexanedione

2,3-ヘキサンジオン

Formula C₆H₁₀O₂

Mol. Wt. 114.14

CAS No. 3848-24-6



SEQ No. 55 ケトン類

FEMA No. 2558

JECFA No. 412

	JFFMA	JECFA	FCC
Chemical name	2,3-hexanedione	2,3-Hexanedione	
Content (NLT)	92.0 % (GC)	93 % min. 98% named cpd + methylpentanediones	
Refractive index	1.405-1.420 (n _{20D})	1.409-1.419 (n _{20D})	
Specific gravity	0.933-0.953 (d _{20/20})	0.930-0.950 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3,6 MS :4,5 NMR :3	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