

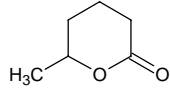
delta-hexalactone

δ-ヘキサラクトン

Formula C₆H₁₀O₂

Mol. Wt. 114.14

CAS No. 823-22-3



SEQ No. 1085 ラクトン類

FEMA No. 3167

JECFA No. 224

	JFFMA	JECFA	FCC
Chemical name	delta-hexalactone	delta-Hexalactone	
Content (NLT)	98.0 % (GC) sum of isomers	98.0 %	
Refractive index	1.449-1.455 (n _{20D})	1.449-1.453 (n _{20D})	
Specific gravity	1.043-1.053 (d _{20/20})	1.0162 (d _{20/20})	
Acid value (NMT)	10.0	5.0	
Melting/Congeealing point		MP: 18°C	
Angular/Specific rotation		OR: - 47.2° (24°C)	
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5 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