

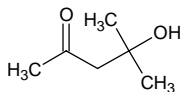
4-hydroxy-4-methyl-2-pentanone

4-ヒドロキシ-4-メチル-2-ペンタノン

Formula C₆H₁₂O₂

Mol. Wt. 116.16

CAS No. 123-42-2



SEQ No. 532 ケトン類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	4-hydroxy-4-methyl-2-pentanone		
Content (NLT)	98.0 % (GC)		
Refractive index	1.419-1.429 (n _{20D})		
Specific gravity	0.941-0.963 (d _{20/20})		
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR	:3,5,6	
	MS	:3,4,5	
	NMR	:3,6	

*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