

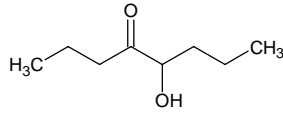
5-hydroxy-4-octanone

5-ヒドロキシ-4-オクタノン

Formula C₈H₁₆O₂

Mol. Wt. 144.21

CAS No. 496-77-5



SEQ No. 1255 ケトン類

FEMA No. 2587

JECFA No. 416

	JFFMA	JECFA	FCC
Chemical name	5-hydroxy-4-octanone	5-Hydroxy-4-octanone	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.427-1.437 (n _{20D})	1.426-1.432 (n _{20D})	
Specific gravity	0.917-0.927 (d ₂₀ /20)	0.907-0.923 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		-	
Other requirements			
Identification*	IR : 1,3,5 MS : 3,4,5 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