

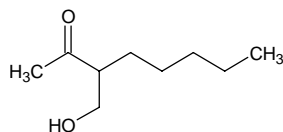
3-(hydroxymethyl)-2-octanone

3-(ヒドロキシメチル)-2-オクタノン

Formula C₉H₁₈O₂

Mol. Wt. 158.24

CAS No. 59191-78-5



SEQ No. ケトン類

FEMA No. 3292

JECFA No. 1839

	JFFMA	JECFA	FCC
Chemical name	3-(hydroxymethyl)-2-octanone	3-(Hydroxymethyl)-2-octanone	
Content (NLT)	90.0 % (GC)	90 %	
Refractive index	1.416-1.422 (n _{20D})	1.416-1.422 (n _{20D})	
Specific gravity	0.874-0.878 (d _{25/25})	0.874-0.878 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : NMR :1	HNMR	

*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