

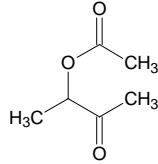
acetoin acetate

アセトイン アセテート

Formula C₆H₁₀O₃

Mol. Wt. 130.14

CAS No. 4906-24-5



SEQ No. 41 エステル類

FEMA No. 3526

JECFA No. 406

	JFFMA	JECFA	FCC
Chemical name	acetoin acetate	2-Acetoxy-3-butanone	
Content (NLT)	97.0 % (GC)	98 %	
Refractive index	1.407-1.417 (n _{20D})	1.410-1.416 (n _{20D})	
Specific gravity	1.022-1.032 (d _{20/20})	0.990-1.010 (d _{25/25})	
Acid value (NMT)	3.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :4 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