

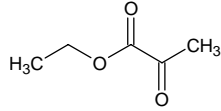
ethyl pyruvate

エチル ピルベート

Formula C₅H₈O₃

Mol. Wt. 116.12

CAS No. 617-35-6



SEQ No. 872 エステル類

FEMA No. 2457

JECFA No. 938

	JFFMA	JECFA	FCC
Chemical name	ethyl pyruvate	Ethyl pyruvate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.401-1.411 (n _{20D})	1.403-1.409 (n _{20D})	
Specific gravity	1.043-1.065 (d _{20/20})	1.044-1.065 (d _{25/25})	
Acid value (NMT)	1.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1,3,5,6 MS :3,4,5 NMR :3,6	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