

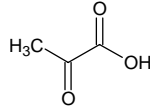
pyruvic acid

ピルビックアシド

Formula C₃H₄O₃

Mol. Wt. 88.06

CAS No. 127-17-3



SEQ No. 2267 脂肪酸類

FEMA No. 2970

JECFA No. 936

	JFFMA	JECFA	FCC
Chemical name	pyruvic acid	Pyruvic acid	
Content (NLT)	96.0 % (GC)	95 %	
Refractive index	1.424-1.434 (n _{20D})	1.424-1.435 (n _{20D})	
Specific gravity	1.260-1.290 (d _{20/20})	1.260-1.281 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point		MP: 13°C	
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	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