

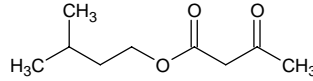
# isoamyl acetoacetate

## イソアミル アセトアセテート

Formula C<sub>9</sub>H<sub>16</sub>O<sub>3</sub>

Mol. Wt. 172.22

CAS No. 2308-18-1



SEQ No. 1284 エステル類

FEMA No. 3551

JECFA No. 598

	JFFMA	JECFA	FCC
Chemical name	isoamyl acetoacetate	Isoamyl acetoacetate	
Content (NLT)	95.0 % (GC)	97 %	
Refractive index	1.424-1.434 (n <sub>20D</sub> )	1.426-1.433 (n <sub>20D</sub> )	
Specific gravity	0.961-0.971 (d <sub>20/20</sub> )	0.954 (10°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3 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