

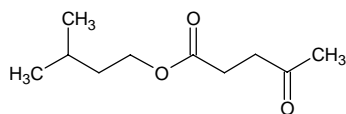
# isoamyl levulinate

## イソアミル レブリンネート

Formula C<sub>10</sub>H<sub>18</sub>O<sub>3</sub>

Mol. Wt. 186.25

CAS No. 71172-75-3



SEQ No. 1305 エステル類

FEMA No. 4481

JECFA No. 1972

	JFFMA	JECFA	FCC
Chemical name	isoamyl levulinate	Isoamyl levulinate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.427-1.433 (n <sub>20D</sub> )	1.427-1.433 (n <sub>20D</sub> )	
Specific gravity	0.957-0.963 (d <sub>20/20</sub> )	0.957-0.963 (20°C)	
Acid value (NMT)	1.0	1	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3 MS : 1,3,4,5 NMR : 3	HNMR IR MS	

### \*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