

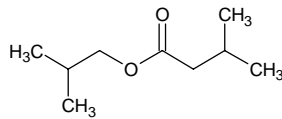
# isobutyl isovalerate

## イソブチル イソバレレート

Formula C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 158.24

CAS No. 589-59-3



SEQ No. 1350 エステル類

FEMA No. 3369

JECFA No. 203

	JFFMA	JECFA	FCC
Chemical name	isobutyl isovalerate	2-Methylpropyl 3-methylbutyrate	2-Methyl Propyl 3-MethylButyrate
Content (NLT)	98.0 % (GC)	98.0 %	98.0 %
Refractive index	1.403-1.409 (n <sub>20D</sub> )	1.404-1.408 (n <sub>20D</sub> )	1.404-1.408 (n <sub>20D</sub> )
Specific gravity	0.852-0.858 (d <sub>20/20</sub> )	0.850-0.854 (d <sub>25/25</sub> )	0.850-0.854 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1,3,5 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