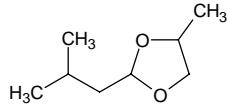


# isovaleraldehyde propyleneglycol acetal

## イソバレルアルデヒド プロピレングリコール アセタール

Formula C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>

Mol. Wt. 144.21



CAS No. 18433-93-7

SEQ No. 1450 エーテル類

FEMA No. 4286

JECFA No. 1732

	JFFMA	JECFA	FCC
Chemical name	isovaleraldehyde propyleneglycol acetal	Isovaleraldehyde propyleneglycol acetal	
Content (NLT)	95.0 % (GC) sum of isomers	95 %	
Refractive index	1.412-1.420 (n <sub>20D</sub> )	1.412-1.420 (n <sub>20D</sub> )	
Specific gravity	0.895-0.902 (d <sub>20/20</sub> )	0.895-0.902 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1.0	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :1,6 MS :1,4 NMR :1	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