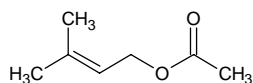


## 3-methyl-2-butenyl acetate

### 3-メチル-2-ブテニル アセテート

Formula C<sub>7</sub>H<sub>12</sub>O<sub>2</sub>

Mol. Wt. 128.17



CAS No. 1191-16-8

SEQ No. 2193 エステル類

FEMA No. 4202

JECFA No. 1827

	JFFMA	JECFA	FCC
Chemical name	3-methyl-2-butenyl acetate	Prenyl acetate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.428-1.434 (n <sub>20D</sub> )	1.424-1.428 (n <sub>20D</sub> )	
Specific gravity	0.916-0.922 (d <sub>20/20</sub> )	0.911-0.922 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3,6 MS :1,3,4,5 NMR :6	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