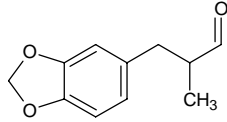


# 3-(3,4-methylenedioxyphenyl)-2-methylpropanal

## 3-(3,4-メチレンジオキシフェニル)-2-メチルプロパナル

Formula C<sub>11</sub>H<sub>12</sub>O<sub>3</sub>

Mol. Wt. 192.21



CAS No. 1205-17-0

SEQ No. 1757 芳香族アルデヒド類

FEMA No. 4599

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	3-(3,4-methylenedioxyphenyl)-2-methylpropanal		
Content (NLT)	96.0 % (GC)		
Refractive index	1.529-1.539 (n <sub>20D</sub> )		
Specific gravity	1.158-1.170 (d <sub>20/20</sub> )		
Acid value (NMT)	5.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 6		
	MS : 4,5		
	NMR :		

### \*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