

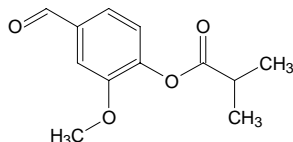
# vanillin isobutyrate

## バニリン イソブチレート

Formula C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>

Mol. Wt. 222.24

CAS No. 20665-85-4



SEQ No. 2490 エステル類

FEMA No. 3754

JECFA No. 891

	JFFMA	JECFA	FCC
Chemical name	vanillin isobutyrate	Vanillin isobutyrate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.520-1.526 (n <sub>20D</sub> )	1.522-1.526 (n <sub>20D</sub> )	
Specific gravity	1.132-1.140 (d <sub>20/20</sub> )	1.110-1.136 (d <sub>25/25</sub> )	
Acid value (NMT)	2.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1,6 MS :4,5 NMR :6	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