

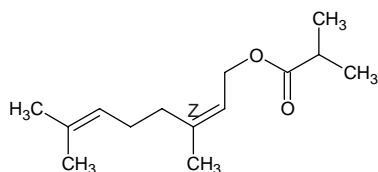
# neryl isobutyrate

## ネリル イソブチレート

Formula C<sub>14</sub>H<sub>24</sub>O<sub>2</sub>

Mol. Wt. 224.34

CAS No. 2345-24-6



SEQ No. 1934 エステル類

FEMA No. 2775

JECFA No. 73

	JFFMA	JECFA	FCC
Chemical name	neryl isobutyrate	Neryl isobutyrate	
Content (NLT)	95.0 % (GC)	92 %	
Refractive index	1.453-1.463 (n <sub>20D</sub> )	1.451-1.460 (n <sub>20D</sub> )	
Specific gravity	0.894-0.904 (d <sub>20/20</sub> )	0.88-0.90 (d <sub>20/4</sub> )	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 5 ml 80% alcohol	
Other requirements		SC: nerol, geraniol	
Identification*	IR :1 MS :4 NMR :	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