

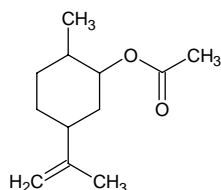
# dihydrocarvyl acetate

## ジヒドロカルビル アセテート

Formula C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>

Mol. Wt. 196.29

CAS No. 20777-49-5



SEQ No. 570 エステル類

FEMA No. 2380

JECFA No. 379

|                           | JFFMA                             | JECFA                             | FCC |
|---------------------------|-----------------------------------|-----------------------------------|-----|
| Chemical name             | dihydrocarvyl acetate             | Dihydrocarvyl acetate             |     |
| Content (NLT)             | 95.0 % (GC)                       | 97.0 %<br>sum of 4 isomers        |     |
| Refractive index          | 1.456-1.466 (n <sub>20D</sub> )   | 1.458-1.463 (n <sub>20D</sub> )   |     |
| Specific gravity          | 0.944-0.954 (d <sub>20/20</sub> ) | 0.943-0.954 (d <sub>25/25</sub> ) |     |
| Acid value (NMT)          | 1.0                               |                                   |     |
| Melting/Congeealing point |                                   |                                   |     |
| Angular/Specific rotation |                                   |                                   |     |
| Heavy metals (NMT)        |                                   |                                   |     |
| Solubility in ethanol     |                                   |                                   |     |
| Other requirements        |                                   |                                   |     |
| Identification*           | IR :1,3,6<br>MS :3,4,5<br>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