

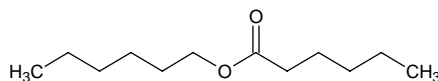
# hexyl hexanoate

## ヘキシル ヘキサノエート

Formula C<sub>12</sub>H<sub>24</sub>O<sub>2</sub>

Mol. Wt. 200.32

CAS No. 6378-65-0



SEQ No. 1204 エステル類

FEMA No. 2572

JECFA No. 164

|                           | JFFMA                                   | JECFA                           | FCC                               |
|---------------------------|---|---------------------------------|-----------------------------------|
| Chemical name             | hexyl hexanoate                         | Hexyl hexanoate                 | Hexyl Hexanoate                   |
| Content (NLT)             | 98.0 % (GC)                             | 97.0 %                          | 98.0 %<br>GC(M-1b)                |
| Refractive index          | 1.421-1.427 (n <sub>20D</sub> )         | 1.420-1.430 (n <sub>20D</sub> ) | 1.421-1.427 (n <sub>20D</sub> )   |
| Specific gravity          | 0.861-0.867 (d <sub>20/20</sub> )       | 0.855-0.863 (20°C)              | 0.857-0.863 (d <sub>25/25</sub> ) |
| Acid value (NMT)          | 1.0                                     | 1.0                             | 1.0                               |
| Melting/Congeealing point |   |                                 |                                   |
| Angular/Specific rotation |   |                                 |                                   |
| Heavy metals (NMT)        |   |                                 |                                   |
| Solubility in ethanol     |   | 1 ml in 2 ml 70% alcohol        | 1 mL in 1 mL 95% ethanol          |
| Other requirements        |   |                                 |                                   |
| Identification*           | IR : 1,2,3,6<br>MS : 3,4,5<br>NMR : 3,6 | IR                              | 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