

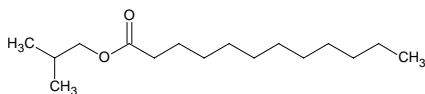
# isobutyl laurate

## イソブチル ラウレート

Formula C<sub>16</sub>H<sub>32</sub>O<sub>2</sub>

Mol. Wt. 256.42

CAS No. 37811-72-6



SEQ No. 1352 エステル類

FEMA No.

JECFA No.

|                           | JFFMA                             | JECFA | FCC |
|---------------------------|-----------------------------------|-------|-----|
| Chemical name             | isobutyl laurate                  |       |     |
| Content (NLT)             | 98.0 % (GC)                       |       |     |
| Refractive index          | 1.430-1.436 (n <sub>20D</sub> )   |       |     |
| Specific gravity          | 0.854-0.860 (d <sub>20/20</sub> ) |       |     |
| Acid value (NMT)          | 1.0                               |       |     |
| Melting/Congeealing point |                                   |       |     |
| Angular/Specific rotation |                                   |       |     |
| Heavy metals (NMT)        |                                   |       |     |
| Solubility in ethanol     |                                   |       |     |
| Other requirements        |                                   |       |     |
| Identification*           | IR : 3                            |       |     |
|                           | MS : 3,4,5                        |       |     |
|                           | 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