

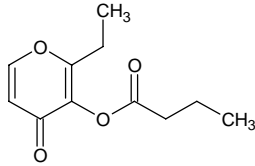
# ethyl maltol butyrate

## エチル マルトール ブチレート

Formula C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>

Mol. Wt. 210.23

CAS No. 93805-72-2



SEQ No. 928 エステル類

FEMA No.

JECFA No.

|                           | JFFMA                             | JECFA | FCC |
|---------------------------|-----------------------------------|-------|-----|
| Chemical name             | ethyl maltol butyrate             |       |     |
| Content (NLT)             | 98.0 % (GC)                       |       |     |
| Refractive index          | 1.494-1.500 (n <sub>20D</sub> )   |       |     |
| Specific gravity          | 1.125-1.131 (d <sub>20</sub> /20) |       |     |
| Acid value (NMT)          | 1.0                               |       |     |
| Melting/Congeealing point |                                   |       |     |
| Angular/Specific rotation |                                   |       |     |
| Heavy metals (NMT)        |                                   |       |     |
| Solubility in ethanol     |                                   |       |     |
| Other requirements        |                                   |       |     |
| Identification*           | IR :3                             |       |     |
|                           | MS :3                             |       |     |
|                           | NMR :3                            |       |     |

### \*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