

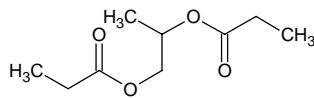
# propyleneglycol dipropionate

## プロピレングリコール ジプロピオネート

Formula C<sub>9</sub>H<sub>16</sub>O<sub>4</sub>

Mol. Wt. 188.22

CAS No. 10108-80-2



SEQ No. 2249 エステル類

FEMA No. 4465

JECFA No. 1978

|                           | JFFMA                             | JECFA                           | FCC |
|---------------------------|-----------------------------------|---------------------------------|-----|
| Chemical name             | propyleneglycol dipropionate      | Propyleneglycol dipropionate    |     |
| Content (NLT)             | 98.0 % (GC)                       | 98 %                            |     |
| Refractive index          | 1.415-1.421 (n <sub>20D</sub> )   | 1.415-1.421 (n <sub>20D</sub> ) |     |
| Specific gravity          | 1.009-1.015 (d <sub>20</sub> /20) | 1.009-1.015 (20°C)              |     |
| Acid value (NMT)          | 1.0                               | 1                               |     |
| Melting/Congeeing point   |                                   |                                 |     |
| Angular/Specific rotation |                                   |                                 |     |
| Heavy metals (NMT)        |                                   |                                 |     |
| Solubility in ethanol     |                                   | Soluble                         |     |
| Other requirements        |                                   |                                 |     |
| Identification*           | IR :3<br>MS :1,3,4<br>NMR :1      | HNMR MS                         |     |

### \*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