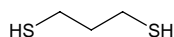


# 1,3-propanedithiol

## 1,3-プロパンジチオール

Formula C<sub>3</sub>H<sub>8</sub>S<sub>2</sub>



Mol. Wt. 108.23

CAS No. 109-80-8

SEQ No. チオール類

FEMA No. 3588

JECFA No. 535

|                           | JFFMA                               | JECFA                            | FCC |
|---------------------------|-------------------------------------|----------------------------------|-----|
| Chemical name             | 1,3-propanedithiol                  | 1,3-Propanedithiol               |     |
| Content (NLT)             | 96.0 % (GC)                         | 98 %                             |     |
| Refractive index          | 1.535-1.545 (n <sub>20D</sub> )     | 1.537-1.539 (n <sub>20D</sub> )  |     |
| Specific gravity          | 1.076-1.086 (d <sub>20/20</sub> )   | 1.077-1.078 (d <sub>20/4</sub> ) |     |
| Acid value (NMT)          |                                     |                                  |     |
| Melting/Congeealing point |                                     |                                  |     |
| Angular/Specific rotation |                                     |                                  |     |
| Heavy metals (NMT)        |                                     |                                  |     |
| Solubility in ethanol     |                                     |                                  |     |
| Other requirements        |                                     |                                  |     |
| Identification*           | IR : 1,3,6<br>MS : 4,5<br>NMR : 1,6 | IR, 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