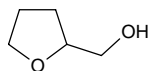


# tetrahydrofurfuryl alcohol

## テトラヒドロフルフリル アルコール

Formula C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>



Mol. Wt. 102.13

CAS No. 97-99-4

SEQ No. 2354 エーテル類

FEMA No. 3056

JECFA No. 1443

|                           | JFFMA                                     | JECFA                             | FCC                               |
|---------------------------|---|-----------------------------------|-----------------------------------|
| Chemical name             | tetrahydrofurfuryl alcohol                | Tetrahydrofurfuryl alcohol        | Tetrahydrofurfuryl Alcohol        |
| Content (NLT)             | 97.0 % (GC)                               | 99 %                              | 99.0 %<br>GC(M-1a)                |
| Refractive index          | 1.446-1.456 (n <sub>20D</sub> )           | 1.449-1.455 (n <sub>20D</sub> )   | 1.452-1.453 (n <sub>20D</sub> )   |
| Specific gravity          | 1.051-1.059 (d <sub>20/20</sub> )         | 1.050-1.052 (d <sub>25/25</sub> ) | 1.050-1.052 (d <sub>25/25</sub> ) |
| Acid value (NMT)          |   | 3                                 |                                   |
| Melting/Congeaing point   |   |                                   |                                   |
| Angular/Specific rotation |   |                                   |                                   |
| Heavy metals (NMT)        |   |                                   |                                   |
| Solubility in ethanol     |   | Soluble                           |                                   |
| Other requirements        |   |                                   |                                   |
| Identification*           | IR : 1,2,3,5,6<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