

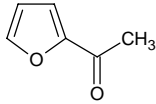
# 2-acetylfuran

## 2-アセチルフラン

Formula C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>

Mol. Wt. 110.11

CAS No. 1192-62-7



SEQ No. 77 ケトン類

FEMA No. 3163

JECFA No. 1503

|                           | JFFMA                                     | JECFA                             | FCC                               |
|---------------------------|---|-----------------------------------|-----------------------------------|
| Chemical name             | 2-acetylfuran                             | 2-Furyl methyl ketone             | 2-Furyl Methyl Ketone             |
| Content (NLT)             | 95.0 % (GC)                               | 97 %                              | 97.0 %<br>GC(M-1b)                |
| Refractive index          |   | 1.505-1.510 (n <sub>20D</sub> )   | 1.505-1.510 (n <sub>20D</sub> )   |
| Specific gravity          |   | 1.102-1.107 (d <sub>25/25</sub> ) | 1.102-1.107 (d <sub>25/25</sub> ) |
| Acid value (NMT)          |   | 1.0                               |                                   |
| Melting/Congeealing point | CP: 27 to 34°C                            |                                   |                                   |
| Angular/Specific rotation |   |                                   |                                   |
| Heavy metals (NMT)        |   |                                   |                                   |
| Solubility in ethanol     |   | Soluble                           | 1mL in 2mL 95% ethanol            |
| 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