

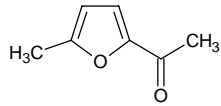
## 2-acetyl-5-methylfuran

### 2-アセチル-5-メチルフラン

Formula C<sub>7</sub>H<sub>8</sub>O<sub>2</sub>

Mol. Wt. 124.14

CAS No. 1193-79-9



SEQ No. 72 ケトン類

FEMA No. 3609

JECFA No. 1504

	JFFMA	JECFA	FCC
Chemical name	2-acetyl-5-methylfuran	2-Acetyl-5-methylfuran	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index	1.511-1.517 (n <sub>20D</sub> )	1.511-1.517 (n <sub>20D</sub> )	
Specific gravity	1.064-1.070 (d <sub>20/20</sub> )	1.066-1.072 (20°C)	
Acid value (NMT)		2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3,6 MS : 3,4,5 NMR : 1,6	NMR 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