

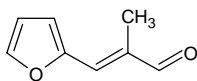
# 3-(2-furyl)-2-methyl-2-propenal

## 3-(2-フリル)-2-メチル-2-プロペナル

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

Mol. Wt. 136.15

CAS No. 874-66-8



SEQ No. 2906 芳香族アルデヒド類

FEMA No. 2704

JECFA No. 1498

	JFFMA	JECFA	FCC
Chemical name	3-(2-furyl)-2-methyl-2-propenal	2-Methyl-3(2-furyl)acrolein	
Content (NLT)	97.0 % (GC)	96 %	
Refractive index	1.612-1.619 (n <sub>20D</sub> )	1.567-1.573 (n <sub>20D</sub> )	
Specific gravity	1.092-1.102 (d <sub>20/20</sub> )	1.097-1.103 (d <sub>25/25</sub> )	
Acid value (NMT)	10.0	3	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Solube	
Other requirements			
Identification*	IR : MS : NMR :1	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