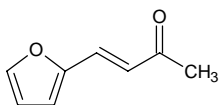


# 4-(2-furyl)-3-buten-2-one

## 4-(2-フリル)-3-ブテン-2-オン

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

Mol. Wt. 136.15



CAS No. 623-15-4

SEQ No. 985 ケトン類

FEMA No. 2495

JECFA No. 1511

	JFFMA	JECFA	FCC
Chemical name	4-(2-furyl)-3-buten-2-one	4-(2-Furyl)-3-buten-2-one	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index			
Specific gravity			
Acid value (NMT)		1	
Melting/Congeeing point	MP: 36 to 40°C	MP: 37 to 40°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3,5 MS :4,5 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