

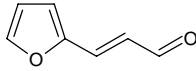
3-(2-furyl)-2-propenal

3-(2-フリル)-2-プロペナール

Formula C₇H₆O₂

Mol. Wt. 122.12

CAS No. 623-30-3



SEQ No. 990 芳香族アルデヒド類

FEMA No. 2494

JECFA No. 1497

	JFFMA	JECFA	FCC
Chemical name	3-(2-furyl)-2-propenal	3-(2-Furyl)acrolein	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index			
Specific gravity			
Acid value (NMT)	3.0	3	
Melting/Congeeing point	MP: 49 to 55°C	MP: 49 to 52°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,6	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