

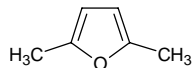
2,5-dimethylfuran

2,5-ジメチルフラン

Formula C₆H₈O

Mol. Wt. 96.13

CAS No. 625-86-5



SEQ No. 663 エーテル類

FEMA No. 4106

JECFA No. 1488

	JFFMA	JECFA	FCC
Chemical name	2,5-dimethylfuran	2,5-Dimethylfuran	
Content (NLT)	98.0 % (GC)	95 %	
Refractive index	1.438-1.448 (n _{20D})	1.437-1.443 (n _{20D})	
Specific gravity	0.895-0.904 (d _{20/20})	0.892-0.898 (d _{25/25})	
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3,5,6 MS : 1,3,4,5 NMR : 1,3,6	NMR IR MS	

*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