

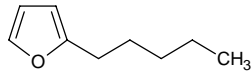
2-pentylfuran

2-ペンチルフラン

Formula C₉H₁₄O

Mol. Wt. 138.21

CAS No. 3777-69-3



SEQ No. 2091 エーテル類

FEMA No. 3317

JECFA No. 1491

	JFFMA	JECFA	FCC
Chemical name	2-pentylfuran	2-Pentylfuran	
Content (NLT)	97.0 % (GC)	99 %	
Refractive index	1.440-1.452 (n _{20D})	1.443-1.449 (n _{20D})	
Specific gravity	0.877-0.892 (d _{20/20})	0.886-0.893 (d _{25/25})	
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3,6 MS : 3,4,5 NMR : 1,3,6	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