

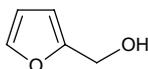
furfuryl alcohol

フルフリル アルコール

Formula C₅H₆O₂

Mol. Wt. 98.10

CAS No. 98-00-0



SEQ No. 968 芳香族アルコール類

FEMA No. 2491

JECFA No. 451

	JFFMA	JECFA	FCC
Chemical name	furfuryl alcohol	Furfuryl alcohol	Furfuryl Alcohol
Content (NLT)	97.0 % (GC)	97 %	95.0 % GC(M-1b)
Refractive index	1.480-1.490 (n _{20D})	1.481-1.489 (n _{20D})	1.481-1.490 (n _{20D})
Specific gravity	1.129-1.139 (d _{20/20})	1.126-1.136 (d _{25/25})	1.126-1.136 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 NMR : 3,6	IR	IR

*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