

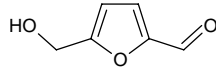
# 5-(hydroxymethyl)-2-furfural

## 5-(ヒドロキシメチル)-2-フルフラール

Formula C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>

Mol. Wt. 126.11

CAS No. 67-47-0



SEQ No. 1275 フルフラール及びその誘導体

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	5-(hydroxymethyl)-2-furfural		
Content (NLT)	95.0 % (GC)		
Refractive index	1.557-1.567 (n <sub>20D</sub> )		
Specific gravity	1.238-1.248 (d <sub>25/25</sub> )		
Acid value (NMT)			
Melting/Congeealing point	MP: 28 to 35°C		
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements	屈折率・比重は参考値		
Identification*	IR :3,6 MS :3,4,5 NMR :3,6		

### \*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