

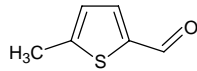
5-methyl-2-thienylcarbaldehyde

5-メチル-2-チエニルカルバルデヒド

Formula C₆H₆OS

Mol. Wt. 126.18

CAS No. 13679-70-4



SEQ No. 1756 芳香族アルデヒド類

FEMA No. 3209

JECFA No. 1050

	JFFMA	JECFA	FCC
Chemical name	5-methyl-2-thienylcarbaldehyde	5-Methyl-2-thiophenecarboxyaldehyde	
Content (NLT)	98.0 % (GC)	95 %	
Refractive index	1.579-1.585 (n _{20D})	1.574-1.586 (n _{20D})	
Specific gravity	1.156-1.167 (d _{20/20})	1.168-1.172 (d _{25/25})	
Acid value (NMT)	10.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR : 3,5 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