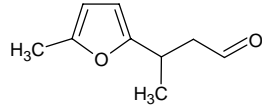


3-(5-methyl-2-furyl)butanal

3-(5-メチル-2-フリル)ブタナール

Formula C₉H₁₂O₂

Mol. Wt. 152.19



CAS No. 31704-80-0

SEQ No. 1734 芳香族アルデヒド類

FEMA No. 3307

JECFA No. 1500

	JFFMA	JECFA	FCC
Chemical name	3-(5-methyl-2-furyl)butanal	3-(5-Methyl-2-furyl)-butanal	
Content (NLT)	99.0 % (GC)	98 %	
Refractive index	1.470-1.476 (n _{20D})	1.575-1.581 (n _{20D})	
Specific gravity	1.008-1.018 (d _{20/20})	1.006-1.012 (d _{25/25})	
Acid value (NMT)	10.0	3	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : NMR :1	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