

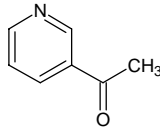
3-acetylpyridine

3-アセチルピリジン

Formula C₇H₇NO

Mol. Wt. 121.14

CAS No. 350-03-8



SEQ No. 80 ケトン類

FEMA No. 3424

JECFA No. 1316

	JFFMA	JECFA	FCC
Chemical name	3-acetylpyridine	3-Acetylpyridine	3-Acetylpyridine
Content (NLT)	97.0 % (GC)	97 %	98.0 % GC(M-1a)
Refractive index	1.530-1.540 (n _{20D})	1.530-1.540 (n _{20D})	1.530-1.540 (n _{20D})
Specific gravity	1.103-1.118 (d _{20/20})	1.103-1.112 (d _{25/25})	1.100-1.115 (d _{25/25})
Acid value (NMT)		1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			Water max 0.5% /KF
Identification*	IR :2,3,5,6 MS :4,5 NMR :1,3	NMR	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