

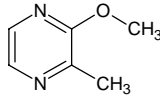
2-methoxy-3-methylpyrazine

2-メトキシ-3-メチルピラジン

Formula C₆H₈N₂O

Mol. Wt. 124.14

CAS No. 2847-30-5



SEQ No. 1557 エーテル類

FEMA No. 3183

JECFA No. 788

	JFFMA	JECFA	FCC
Chemical name	2-methoxy-3-methylpyrazine	2-Methoxy-(3,5 or 6)-methylpyrazine	2-Methoxy-3(5)-methylpyrazine
Content (NLT)	98.0 % (GC) sum of isomers	97 % sum of isomers	99.0 % sum of two isomers /GC(M-1b)
Refractive index	1.505-1.510 (n _{20D})	1.505-1.510 (n _{20D})	1.506-1.510 (n _{20D})
Specific gravity	1.063-1.093 (d _{20/20})	1.060-1.090 (d _{25/25})	1.070-1.090 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR :1,2 MS :4,5 NMR :	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