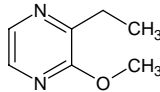


2-ethyl-3-methoxypyrazine

2-エチル-3-メキシピラジン

Formula C₇H₁₀N₂O

Mol. Wt. 138.17



CAS No. 25680-58-4

SEQ No. 898 エーテル類

FEMA No. 3280

JECFA No. 789

	JFFMA	JECFA	FCC
Chemical name	2-ethyl-3-methoxypyrazine	Ethyl-(3,5 or 6)-methoxypyrazine (85%) and 2-Methyl-(3,5 or 6)-methoxypyrazine (13%)	
Content (NLT)	96.0 % (GC)	99 % sum of 6 named compounds	
Refractive index	1.500-1.506 (n _{20D})	1.497-1.505 (n _{20D})	
Specific gravity	1.042-1.054 (d _{20/20})	1.036-1.052 (d _{25/25})	
Acid value (NMT)			
Melting/Congealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3,6	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