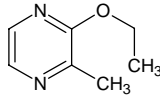


2-ethoxy-3-methylpyrazine

2-エトキシ-3-メチルピラジン

Formula C₇H₁₀N₂O

Mol. Wt. 138.17



CAS No. 32737-14-7

SEQ No. 725 エーテル類

FEMA No. 3569

JECFA No. 793

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|--------------------------------------|-----|
| Chemical name | 2-ethoxy-3-methylpyrazine | 2-Methyl-3(or 5 or 6)-ethoxypyrazine | |
| Content (NLT) | 98.0 % (GC) | 97 % | |
| Refractive index | 1.491-1.497 (n _{20D}) | 1.493-1.497 (n _{20D}) | |
| Specific gravity | 1.030-1.040 (d _{20/20}) | 1.034-1.041 (d _{25/25}) | |
| Acid value (NMT) | | | |
| Melting/Congearing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | miscible at room temperature | |
| Other requirements | | | |
| Identification* | IR :1 MS :4,5 NMR :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