

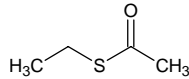
S-ethyl ethanethioate

S-エチル エタンチオエート

Formula C₄H₈OS

Mol. Wt. 104.17

CAS No. 625-60-5



SEQ No. 878 エステル類

FEMA No. 3282

JECFA No. 483

| | JFFMA | JECFA | FCC |
|---------------------------|-------------------------------------|---------------------------------|-----|
| Chemical name | S-ethyl ethanethioate | Ethyl thioacetate | |
| Content (NLT) | 95.0 % (GC) | 98 % | |
| Refractive index | 1.440-1.461 (n _{20D}) | 1.456-1.468 (n _{20D}) | |
| Specific gravity | 0.970-0.985 (d _{20/20}) | 0.979 (20°C) | |
| Acid value (NMT) | 1.0 | | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | | |
| Other requirements | | | |
| Identification* | IR : 3,6 MS : 3,4,5 NMR : 1,6 | 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