

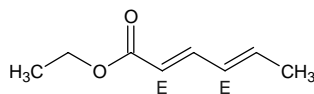
ethyl sorbate

エチル ソルベート

Formula C₈H₁₂O₂

Mol. Wt. 140.18

CAS No. 2396-84-1



SEQ No. 876 エステル類

FEMA No. 2459

JECFA No. 1178

| | JFFMA | JECFA | FCC |
|---------------------------|-----------------------------------|-----------------------------------|-----|
| Chemical name | ethyl sorbate | Ethyl sorbate | |
| Content (NLT) | 97.0 % (GC) | 98 % | |
| Refractive index | 1.486-1.498 (n _{20D}) | 1.491-1.498 (n _{20D}) | |
| Specific gravity | 0.934-0.946 (d _{20/20}) | 0.936-0.939 (d _{25/25}) | |
| Acid value (NMT) | 1.0 | 1 | |
| Melting/Congeealing point | | | |
| Angular/Specific rotation | | | |
| Heavy metals (NMT) | | | |
| Solubility in ethanol | | soluble | |
| Other requirements | | | |
| Identification* | IR :1,6 MS :1,4,5 NMR :6 | IR MS | |

*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