

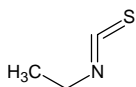
# ethyl isothiocyanate

## エチル イソチオシアネート

Formula C<sub>3</sub>H<sub>5</sub>NS

Mol. Wt. 87.14

CAS No. 542-85-8



SEQ No. 2518 イソチオシアネート類

FEMA No. 4420

JECFA No. 1885

	JFFMA	JECFA	FCC
Chemical name	ethyl isothiocyanate	Ethyl isothiocyanate	
Content (NLT)	99.0 % (GC)	99 %	
Refractive index	1.510-1.516 (n <sub>20D</sub> )	1.510-1.515 (n <sub>20D</sub> )	
Specific gravity	0.999-1.005 (d <sub>20/20</sub> )	0.997-1.004 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3,5 MS : 1,4,5 NMR : 6	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