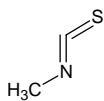


# methyl isothiocyanate

## メチル イソチオシアネート

Formula C<sub>2</sub>H<sub>3</sub>NS

Mol. Wt. 73.12



CAS No. 556-61-6

SEQ No. 2519 イソチオシアネート類

FEMA No. 4426

JECFA No. 1884

	JFFMA	JECFA	FCC
Chemical name	methyl isothiocyanate	Methyl isothiocyanate	
Content (NLT)	99.0 % (GC)	96 %	
Refractive index		1.495-1.499 (n <sub>20D</sub> )	
Specific gravity		0.938-0.942 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point	MP: 30 to 34°C		
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 5,6 MS : 1,3,4,5 NMR : 3,6	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