

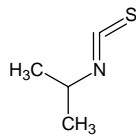
isopropyl isothiocyanate

イソプロピル イソチオシアネート

Formula C₄H₇NS

Mol. Wt. 101.17

CAS No. 2253-73-8



SEQ No. 1412 イソチオシアネート類

FEMA No. 4425

JECFA No. 1888

	JFFMA	JECFA	FCC
Chemical name	isopropyl isothiocyanate	Isopropyl isothiocyanate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.487-1.497 (n _{20D})	1.489-1.497 (n _{20D})	
Specific gravity	0.945-0.955 (d _{20/20})	0.947-0.955 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 5 MS : 1,4,5 NMR :	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