

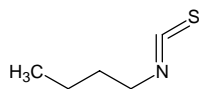
butyl isothiocyanate

ブチル イソチオシアネート

Formula C₅H₉NS

Mol. Wt. 115.20

CAS No. 592-82-5



SEQ No. 290 イソチオシアネート類

FEMA No. 4082

JECFA No. 1561

	JFFMA	JECFA	FCC
Chemical name	butyl isothiocyanate	Butyl isothiocyanate	
Content (NLT)	98.0 % (GC)	95 %	
Refractive index	1.498-1.504 (n _{20D})	1.492-1.498 (n _{20D})	
Specific gravity	0.956-0.962 (d _{20/20})	0.952-0.958 (d _{25/25})	
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3,6,5 MS : 3,4,5 NMR : 1,3,6	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