

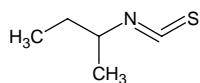
# sec-butyl isothiocyanate

## sec-ブチル イソチオシアネート

Formula C<sub>5</sub>H<sub>9</sub>NS

Mol. Wt. 115.20

CAS No. 4426-79-3



SEQ No. 291 イソチオシアネート類

FEMA No. 4419

JECFA No. 1890

	JFFMA	JECFA	FCC
Chemical name	sec-butyl isothiocyanate	2-Butyl isothiocyanate	
Content (NLT)	96.0 % (GC)	97 %	
Refractive index	1.488-1.498 (n <sub>20D</sub> )	1.490-1.497 (n <sub>20D</sub> )	
Specific gravity	0.937-0.947 (d <sub>20/20</sub> )	0.938-0.946 (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 : 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