

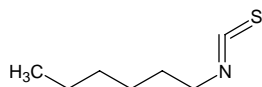
hexyl isothiocyanate

ヘキシル イソチオシアネート

Formula C7H13NS

Mol. Wt. 143.25

CAS No. 4404-45-9



SEQ No. 1207 イソチオシアネート類

FEMA No. 4422

JECFA No. 1895

	JFFMA	JECFA	FCC
Chemical name	hexyl isothiocyanate	Hexyl isothiocyanate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.489-1.495 (n20D)	1.490-1.494 (n20D)	
Specific gravity	0.931-0.941 (d20/20)	0.931-0.941 (20°C)	
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