

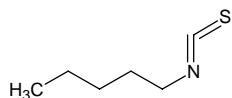
amyl isothiocyanate

アミル イソチオシアネート

Formula C₆H₁₁NS

Mol. Wt. 129.22

CAS No. 629-12-9



SEQ No. 155 イソチオシアネート類

FEMA No. 4417

JECFA No. 1891

	JFFMA	JECFA	FCC
Chemical name	amyl isothiocyanate	Amyl isothiocyanate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.495-1.501 (n _{20D})	1.495-1.501 (n _{20D})	
Specific gravity	0.942-0.948 (d _{20/20})	0.942-0.948 (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