

allyl propyl disulfide

アリル プロピル ジスルフィド

Formula C₆H₁₂S₂ 

Mol. Wt. 148.29

CAS No. 2179-59-1

SEQ No. 124 チオエーテル類

FEMA No. 4073

JECFA No. 1700

	JFFMA	JECFA	FCC
Chemical name	allyl propyl disulfide	Allyl propyl disulfide	
Content (NLT)	90.0 % (GC)	93 %	
Refractive index	1.508-1.520 (n _{20D})	1.497-1.517 (n _{20D})	
Specific gravity	0.970-0.985 (d _{20/20})	0.999-1.005 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements		Also contains 1-2% allyl propyl sulfide and 1-2% dipropylsulfide	
Identification*	IR : MS :4,5 NMR :1	HNMR	

*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