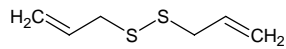


diallyl disulfide

ジアリル ジスルフィド

Formula C₆H₁₀S₂



Mol. Wt. 146.27

CAS No. 2179-57-9

SEQ No. 534 チオエーテル類

FEMA No. 2028

JECFA No. 572

	JFFMA	JECFA	FCC
Chemical name	diallyl disulfide	Allyl disulfide	
Content (NLT)	95.0 % (GC) sum of diallyl disulfide(80%), diallyl sulfide(10%), diallyl trisulfide (5%)	80 % min. 95% allyl disulfide + allyl sulfide + allyl mercaptan	
Refractive index	1.537-1.550 (n _{20D})	1.537-1.551 (n _{20D})	
Specific gravity	0.998-1.015 (d _{20/20})	0.998-1.015 (d _{25/25})	
Acid value (NMT)			
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5 MS : 3,4,5 NMR : 3	IR	

*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