

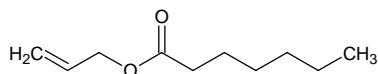
allyl heptanoate

アリル ヘプタノエート

Formula C₁₀H₁₈O₂

Mol. Wt. 170.25

CAS No. 142-19-8



SEQ No. 106 エステル類

FEMA No. 2031

JECFA No. 4

	JFFMA	JECFA	FCC
Chemical name	allyl heptanoate	Allyl heptanoate	Allyl Heptanoate
Content (NLT)	97.0 % (GC)	97.0 %	97.0 % GC(M-1b)
Refractive index	1.426-1.432 (n _{20D})	1.426-1.430 (n _{20D})	1.426-1.430 (n _{20D})
Specific gravity	0.882-0.888 (d _{20/20})	0.880-0.885 (d _{25/25})	0.880-0.885 (d _{25/25})
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1ml in 1ml 95% ethanol	1 mL in 1 mL 95% alc
Other requirements		Allyl alcohol 0.1% max	Allyl Alcohol 0.1% /GC(M-1b)
Identification*	IR : 1,2,5 MS : 4,5 NMR : 6	IR	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