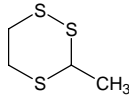


3-methyl-1,2,4-trithiane

3-メチル-1,2,4-トリチアン

Formula C₄H₈S₃

Mol. Wt. 152.30



CAS No. 43040-01-3

SEQ No. 2857 チオエーテル類

FEMA No. 3718

JECFA No. 574

	JFFMA	JECFA	FCC
Chemical name	3-methyl-1,2,4-trithiane	3-Methyl-1,2,4-trithiane	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.614-1.620 (n _{20D})	1.617-1.627 (n _{20D})	
Specific gravity	1.277-1.283 (d _{20/20})	1.276 (d _{20/4})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS :1,4 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