

3-(methylthio)propylamine

3-(メチルチオ)プロピルアミン

Formula C₄H₁₁NS 

Mol. Wt. 105.20

CAS No. 4104-45-4

SEQ No. 1892 チオエーテル類

FEMA No. 4649

JECFA No. 2004

	JFFMA	JECFA	FCC
Chemical name	3-(methylthio)propylamine	3-(Methylthio)propylamine	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.489-1.495 (n _{20D})	1.489-1.495 (n _{20D})	
Specific gravity	0.958-0.964 (d _{20/20})	0.958-0.964 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4,5 NMR :3	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