

thiazole

チアゾール

Formula C₃H₃NS



Mol. Wt. 85.13

CAS No. 288-47-1

SEQ No. 2372 チオエーテル類

FEMA No. 3615

JECFA No. 1032

	JFFMA	JECFA	FCC
Chemical name	thiazole	Thiazole	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.531-1.541 (n _{20D})	1.531-1.541 (n _{20D})	
Specific gravity	1.187-1.210 (d _{20/20})	1.198-1.202 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :1,3,6 MS :1,3,4,5 NMR :1,3,6	MS IR NMR	

*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