

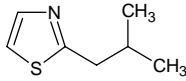
2-isobutylthiazole

2-イソブチルチアゾール

Formula C₇H₁₁NS

Mol. Wt. 141.23

CAS No. 18640-74-9



SEQ No. 1375 チオエーテル類

FEMA No. 3134

JECFA No. 1034

	JFFMA	JECFA	FCC
Chemical name	2-isobutylthiazole	2-Isobutylthiazole	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.490-1.500 (n _{20D})	1.490-1.499 (n _{20D})	
Specific gravity	0.995-1.005 (d _{20/20})	0.993-0.997 (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 :5 MS :4,5 NMR :1	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