

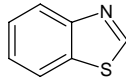
# benzothiazole

## ベンゾチアゾール

Formula C<sub>7</sub>H<sub>5</sub>NS

Mol. Wt. 135.19

CAS No. 95-16-9



SEQ No. 210 チオエーテル類

FEMA No. 3256

JECFA No. 1040

	JFFMA	JECFA	FCC
Chemical name	benzothiazole	Benzothiazole	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.637-1.647 (n <sub>20D</sub> )	1.637-1.644 (n <sub>20D</sub> )	
Specific gravity	1.241-1.251 (d <sub>20/20</sub> )	1.236-1.240 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3,6	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