

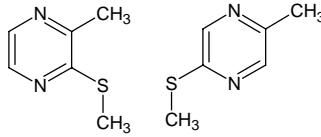
## 2-methyl-3(5)-(methylthio)pyrazine

### 2-メチル-(3or5)-(メチルチオ)ピラジン

Formula C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>S

Mol. Wt. 140.21

CAS No. 68378-12-1



SEQ No. 1762 チオエーテル類

FEMA No. 3208

JECFA No. 797

	JFFMA	JECFA	FCC
Chemical name	2-methyl-3(5)-(methylthio)pyrazine	(3, 5 or 6)-Methylthio-2-methylpyrazine	
Content (NLT)	99.0 % (GC) sum of isomers	99 % sum of isomers	
Refractive index	1.579-1.585 (n <sub>20D</sub> )	1.570-1.590 (n <sub>20D</sub> )	
Specific gravity	1.141-1.147 (d <sub>20/20</sub> )	1.133-1.153 (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 :1,3 MS :3,4,5 NMR :3	IR	

#### \*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