

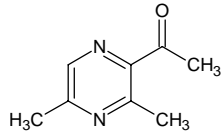
## 2-acetyl-3,5-dimethylpyrazine

### 2-アセチル-3,5-ジメチルピラジン

Formula C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O

Mol. Wt. 150.18

CAS No. 54300-08-2



SEQ No. 68 ケトン類

FEMA No. 3327

JECFA No. 786

	JFFMA	JECFA	FCC
Chemical name	2-acetyl-3,5-dimethylpyrazine	2-Acetyl-3,(5 or 6)-dimethylpyrazine	
Content (NLT)	98.0 % (GC) sum of isomers	97 % sum of isomers	
Refractive index	1.515-1.521 (n <sub>20D</sub> )	1.510-1.520 (n <sub>20D</sub> )	
Specific gravity	1.063-1.083 (d <sub>20/20</sub> )	1.070-1.075 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1 MS :4,5 NMR :	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