

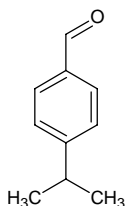
# cuminaldehyde

## クミンアルデヒド

Formula C<sub>10</sub>H<sub>12</sub>O

Mol. Wt. 148.20

CAS No. 122-03-2



SEQ No. 431 芳香族アルデヒド類

FEMA No. 2341

JECFA No. 868

	JFFMA	JECFA	FCC
Chemical name	cuminaldehyde	Cuminaldehyde	Cuminic Aldehyde
Content (NLT)	95.0 % (GC)	95 % by chemical analysis	95.0 % Chem(M-2a)
Refractive index	1.527-1.534 (n <sub>20D</sub> )	1.527-1.534 (n <sub>20D</sub> )	1.528-1.534 (n <sub>20D</sub> )
Specific gravity	0.974-0.984 (d <sub>20/20</sub> )	0.973-0.981 (d <sub>25/25</sub> )	0.975-0.980 (d <sub>25/25</sub> )
Acid value (NMT)	5.0	5.0	5.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 4 mL 70% alc
Other requirements			Chlorinated Cmpds.- passes test
Identification*	IR : 1,2,3 MS : 3,4,5 NMR : 3,6	IR	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