

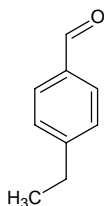
# 4-ethylbenzaldehyde

## 4-エチルベンズアルデヒド

Formula C<sub>9</sub>H<sub>10</sub>O

Mol. Wt. 134.18

CAS No. 4748-78-1



SEQ No. 904 芳香族アルデヒド類

FEMA No. 3756

JECFA No. 865

	JFFMA	JECFA	FCC
Chemical name	4-ethylbenzaldehyde	4-Ethylbenzaldehyde	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.536-1.542 (n <sub>20D</sub> )	1.538-1.542 (n <sub>20D</sub> )	
Specific gravity	0.976-0.982 (d <sub>25/25</sub> )	0.980-1.000 (d <sub>25/25</sub> )	
Acid value (NMT)	10.0	3.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR :1,3,6 MS :3,4,5 NMR :3,6	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