

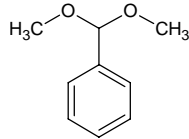
benzaldehyde dimethyl acetal

ベンズアルデヒド ジメチル アセタール

Formula C₉H₁₂O₂

Mol. Wt. 152.19

CAS No. 1125-88-8



SEQ No. 204 エーテル類

FEMA No. 2128

JECFA No. 837

	JFFMA	JECFA	FCC
Chemical name	benzaldehyde dimethyl acetal	Benzaldehyde dimethyl acetal	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.488-1.498 (n _{20D})	1.488-1.496 (n _{20D})	
Specific gravity	1.014-1.024 (d _{20/20})	1.007-1.020 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
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