

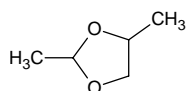
# acetaldehyde propyleneglycol acetal

## アセトアルデヒド プロピレングリコール アセタール

Formula C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>

Mol. Wt. 102.13

CAS No. 3390-12-3



SEQ No. 37 エーテル類

FEMA No. 4099

JECFA No. 1711

	JFFMA	JECFA	FCC
Chemical name	acetaldehyde propyleneglycol acetal	2,4-Dimethyl-1,3-dioxolane	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.391-1.401 (n <sub>20D</sub> )	1.390-1.401 (n <sub>20D</sub> )	
Specific gravity	0.927-0.937 (d <sub>20/20</sub> )	0.921-0.928 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : NMR :1	HNMR	

### \*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