

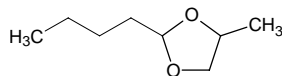
# valeraldehyde propyleneglycol acetal

## バレラルデヒド プロピレングリコール アセタール

Formula C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>

Mol. Wt. 144.21

CAS No. 74094-60-3



SEQ No. 2482 エーテル類

FEMA No. 4372

JECFA No. 1734

	JFFMA	JECFA	FCC
Chemical name	valeraldehyde propyleneglycol acetal	Valeraldehyde propyleneglycol acetal	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.415-1.420 (n <sub>20D</sub> )	1.415-1.420 (n <sub>20D</sub> )	
Specific gravity	0.900-0.906 (d <sub>20/20</sub> )	0.900-0.906 (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 : 1,4,5 NMR :	MS	

### \*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