

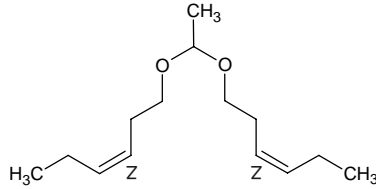
# acetaldehyde di-cis-3-hexenyl acetal

## アセトアルデヒド ジ-cis-3-ヘキセニル アセタール

Formula C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>

Mol. Wt. 226.35

CAS No. 63449-64-9



SEQ No. 16 エーテル類

FEMA No. 4381

JECFA No. 1747

	JFFMA	JECFA	FCC
Chemical name	acetaldehyde di-cis-3-hexenyl acetal	Acetaldehyde di-cis-3-hexenyl acetal	
Content (NLT)	97.0 % (GC) sum of isomers	96 %	
Refractive index	1.442-1.448 (n <sub>20D</sub> )	1.442-1.448 (n <sub>20D</sub> )	
Specific gravity	0.864-0.870 (d <sub>20/20</sub> )	0.864-0.870 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3,4 NMR :1,3	CNMR HNMR 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