

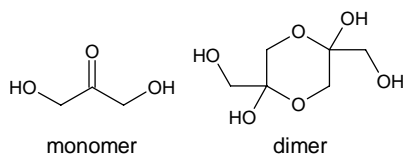
1,3-dihydroxyacetone (monomer and dimer)

1,3-ジヒドロキシアセトン (モノマー- アンド ダイマー)

Formula C₃H₆O₃

Mol. Wt. 90.08

CAS No. 96-26-4



SEQ No. 590 ケトン類

FEMA No. 4033

JECFA No. 1716

	JFFMA	JECFA	FCC
Chemical name	1,3-dihydroxyacetone (monomer and dimer)	Dihydroxyacetone dimer	
Content (NLT)	97.0 % (GC) monomer and dimer	97 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 75 to 80°C	MP: 75 to 80°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :5 MS :1,4,5 NMR :1	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