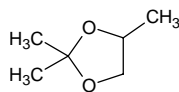


acetone propyleneglycol acetal

アセトン プロピレングリコール アセタール

Formula C₆H₁₂O₂

Mol. Wt. 116.16



CAS No. 1193-11-9

SEQ No. 47 エーテル類

FEMA No. 3441

JECFA No. 929

	JFFMA	JECFA	FCC
Chemical name	acetone propyleneglycol acetal	2,2,4-Trimethyl-1,3-oxacyclopentane	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.384-1.402 (n _{20D})	1.393-1.398 (n _{20D})	
Specific gravity	0.888-0.906 (d _{20/20})	0.899-0.905 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	
Other requirements			
Identification*	IR : MS :4,5 NMR :1	NMR	

*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