

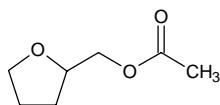
# tetrahydrofurfuryl acetate

## テトラヒドロフルフリル アセテート

Formula C<sub>7</sub>H<sub>12</sub>O<sub>3</sub>

Mol. Wt. 144.17

CAS No. 637-64-9



SEQ No. 2353 エステル類

FEMA No. 3055

JECFA No. 1442

	JFFMA	JECFA	FCC
Chemical name	tetrahydrofurfuryl acetate	Tetrahydrofurfuryl acetate	
Content (NLT)	96.0 % (GC)	97 %	
Refractive index	1.430-1.440 (n <sub>20D</sub> )	1.435-1.440 (n <sub>20D</sub> )	
Specific gravity	1.053-1.067 (d <sub>20/20</sub> )	1.058-1.064 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	4	
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3	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