

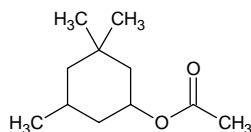
3,3,5-trimethylcyclohexyl acetate

3,3,5-トリメチルシクロヘキシル アセテート

Formula C₁₁H₂₀O₂

Mol. Wt. 184.28

CAS No. 67859-96-5



SEQ No. 2429 エステル類

FEMA No. 4512

JECFA No. 2053

	JFFMA	JECFA	FCC
Chemical name	3,3,5-trimethylcyclohexyl acetate	3,3,5-Trimethylcyclohexyl acetate	
Content (NLT)	90.0 % (GC) sum of isomers	90 %	
Refractive index	1.437-1.445 (n _{20D})	1.437-1.445 (n _{20D})	
Specific gravity	0.913-0.924 (d _{20/20})	0.913-0.924 (20°C)	
Acid value (NMT)	1.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements		SC: 6-7% 3,3,5-Trimethylcyclohexanol	
Identification*	IR : 3 MS : 1,3,4 NMR : 1	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