

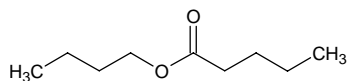
butyl valerate

ブチル バレレート

Formula C₉H₁₈O₂

Mol. Wt. 158.24

CAS No. 591-68-4



SEQ No. 316 エステル類

FEMA No. 2217

JECFA No. 160

	JFFMA	JECFA	FCC
Chemical name	butyl valerate	Butyl valerate	
Content (NLT)	98.0 % (GC)	99.0 %	
Refractive index	1.408-1.414 (n _{20D})	1.408-1.416 (n _{20D})	
Specific gravity	0.866-0.872 (d _{20/20})	0.861-0.871 (d _{20/4})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,5,6 MS : 3,4,5 NMR : 6	IR	

*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