

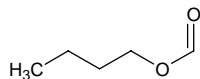
# butyl formate

## ブチル ホーマート

Formula C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>

Mol. Wt. 102.13

CAS No. 592-84-7



SEQ No. 286 エステル類

FEMA No. 2196

JECFA No. 118

	JFFMA	JECFA	FCC
Chemical name	butyl formate	Butyl formate	
Content (NLT)	95.0 % (GC)	95.0 %	
Refractive index	1.385-1.395 (n <sub>20D</sub> )	1.380-1.400 (n <sub>20D</sub> )	
Specific gravity	0.889-0.899 (d <sub>20/20</sub> )	0.877-0.903 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,3,5,6 MS : 3,4,5 NMR : 3,6	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