

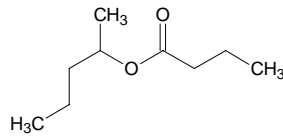
# 2-pentyl butyrate

## 2-ペンチル ブチレート

Formula C<sub>9</sub>H<sub>18</sub>O<sub>2</sub>

Mol. Wt. 158.24

CAS No. 60415-61-4



SEQ No. 2089 エステル類

FEMA No. 3893

JECFA No. 1142

	JFFMA	JECFA	FCC
Chemical name	2-pentyl butyrate	2-Pentyl butyrate	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index	1.404-1.410 (n <sub>20D</sub> )	1.409-1.415 (n <sub>20D</sub> )	
Specific gravity	0.861-0.867 (d <sub>20/20</sub> )	0.862-0.868 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	2.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		50% soluble in ethanol	
Other requirements			
Identification*	IR :1,3 MS :1,3,4,5 NMR :1,3	MS IR 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