

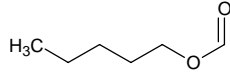
# amyl formate

## アミル ホーマート

Formula C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Mol. Wt. 116.16

CAS No. 638-49-3



SEQ No. 150 エステル類

FEMA No. 2068

JECFA No. 119

	JFFMA	JECFA	FCC
Chemical name	amyl formate	n-Amyl formate	Amyl Formate
Content (NLT)	95.0 % (GC)	92 %	92.0 % sum of n-, 2-/3-methyl butyl isomers /GC(M-1b)
Refractive index	1.397-1.403 (n <sub>20</sub> D)	1.396-1.402 (n <sub>20</sub> D)	1.396-1.402 (n <sub>20</sub> D)
Specific gravity	0.884-0.892 (d <sub>20</sub> /20)	0.881-0.887 (d <sub>25</sub> /25)	0.881-0.887 (d <sub>25</sub> /25)
Acid value (NMT)	2.0	5 (add to ice soln)	5.0 add ice to soln
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		SC: amyl alcohol	
Identification*	IR :1,3,5,6 MS :3,4,5 NMR :3	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