

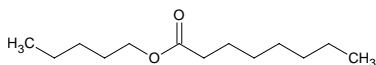
# amyl octanoate

## アミル オクタノエート

Formula C<sub>13</sub>H<sub>26</sub>O<sub>2</sub>

Mol. Wt. 214.34

CAS No. 638-25-5



SEQ No. 161 エステル類

FEMA No. 2079

JECFA No. 174

	JFFMA	JECFA	FCC
Chemical name	amyl octanoate	n-Amyl octanoate	Amyl Octanoate
Content (NLT)	98.0 % (GC)	98.0 %	98.0 % sum of n-, 2-/3-methyl butyl isomers /GC(M-1b)
Refractive index	1.424-1.431 (n <sub>20D</sub> )	1.425-1.429 (n <sub>20D</sub> )	1.425-1.429 (n <sub>20D</sub> )
Specific gravity	0.860-0.866 (d <sub>20/20</sub> )	0.855-0.8562 (d <sub>25/25</sub> )	0.855-0.861 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 7 ml 80% alcohol	1 mL in 7 mL 80% alc remains clear to 10 mL
Other requirements			
Identification*	IR : 1,2,3 MS : 3,4,5 NMR : 3	IR	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