

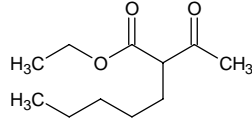
# ethyl 2-pentylacetoacetate

## エチル 2-ペンチルアセトアセテート

Formula C<sub>11</sub>H<sub>20</sub>O<sub>3</sub>

Mol. Wt. 200.27

CAS No. 24317-94-0



SEQ No. 2604 エステル類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-pentylacetoacetate		
Content (NLT)	96.0 % (GC)		
Refractive index	1.424-1.434 (n <sub>25D</sub> )		
Specific gravity	0.933-0.943 (d <sub>25/25</sub> )		
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 3,5		
	MS : 3,4,5		
	NMR : 3		

### \*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