

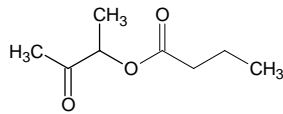
# acetoin butyrate

## アセトイン ブチレート

Formula C<sub>8</sub>H<sub>14</sub>O<sub>3</sub>

Mol. Wt. 158.20

CAS No. 84642-61-5



SEQ No. 2068 エステル類

FEMA No. 3332

JECFA No. 407

	JFFMA	JECFA	FCC
Chemical name	acetoin butyrate	Butan-3-one-2-yl butanoate	Butan-3-one-2-yl Butanoate
Content (NLT)	98.0 % (GC)	96 %	98.0 % GC(M-1b)
Refractive index	1.415-1.423 (n <sub>20D</sub> )	1.408-1.429 (n <sub>20D</sub> )	1.408-1.429 (n <sub>20D</sub> )
Specific gravity	0.975-0.983 (d <sub>20/20</sub> )	0.972-0.992 (d <sub>25/25</sub> )	0.972-0.992 (d <sub>25/25</sub> )
Acid value (NMT)	3.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,2,6 MS : 4 NMR :	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