

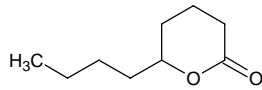
# delta-nonalactone

## δ-ノナラクトン

Formula C<sub>9</sub>H<sub>16</sub>O<sub>2</sub>

Mol. Wt. 156.22

CAS No. 3301-94-8



SEQ No. 1952 ラクトン類

FEMA No. 3356

JECFA No. 230

	JFFMA	JECFA	FCC
Chemical name	delta-nonalactone	Hydroxynonanoic acid delta-lactone	δ-Nonalactone
Content (NLT)	97.0 % (GC)	98.0 %	98.0 % GC(M-1a)
Refractive index	1.454-1.460 (n <sub>20D</sub> )	1.452-1.458 (n <sub>20D</sub> )	1.454-1.459 (n <sub>20D</sub> )
Specific gravity	0.985-0.991 (d <sub>20/20</sub> )	0.994-0.999 (d <sub>25/25</sub> )	0.980-0.986 (d <sub>25/25</sub> )
Acid value (NMT)	5.0		
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		1 ml in 1 ml 95% alcohol	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,6 MS : 3,4,5 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