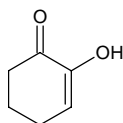


# 2-hydroxy-2-cyclohexenone

## 2-ヒドロキシ-2-シクロヘキセノン

Formula C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>

Mol. Wt. 112.13



CAS No. 10316-66-2

SEQ No. 1243 ケトン類

FEMA No. 3458

JECFA No. 424

	JFFMA	JECFA	FCC
Chemical name	2-hydroxy-2-cyclohexenone	2-Hydroxy-2-cyclohexen-1-one	
Content (NLT)	97.0 % (GC)	99.3 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeealing point	MP: 34 to 41°C	MP: 35 to 38°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS : NMR :	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