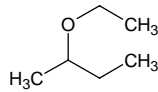


# sec-butyl ethyl ether

## sec-ブチル エチル エーテル

Formula C<sub>6</sub>H<sub>14</sub>O

Mol. Wt. 102.17



CAS No. 2679-87-0

SEQ No. 285 エーテル類

FEMA No. 3131

JECFA No. 1231

	JFFMA	JECFA	FCC
Chemical name	sec-butyl ethyl ether	sec-Butyl ethyl ether	
Content (NLT)	97.0 % (GC)	99 %	
Refractive index	1.372-1.382 (n <sub>20D</sub> )	1.378-1.383 (n <sub>20D</sub> )	
Specific gravity	0.740-0.750 (d <sub>20/20</sub> )	0.748-0.753 (20°C)	
Acid value (NMT)		1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR : MS : 4,5 NMR : 1	NMR	

### \*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