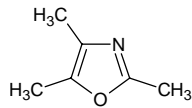


# 2,4,5-trimethyloxazole

## 2,4,5-トリメチルオキサゾール

Formula C<sub>6</sub>H<sub>9</sub>NO

Mol. Wt. 111.14



CAS No. 20662-84-4

SEQ No. 2442 エーテル類

FEMA No. 4394

JECFA No. 1553

	JFFMA	JECFA	FCC
Chemical name	2,4,5-trimethyloxazole	Trimethyloxazole	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.438-1.448 (n <sub>20D</sub> )	1.438-1.446 (n <sub>20D</sub> )	
Specific gravity	0.960-0.980 (d <sub>20/20</sub> )	0.956-0.964 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 3 MS : 3,4,5 NMR : 1,3,6	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