

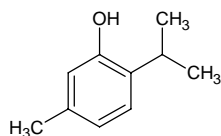
thymol

チモール

Formula C₁₀H₁₄O

Mol. Wt. 150.22

CAS No. 89-83-8



SEQ No. 2390 フェノール類

FEMA No. 3066

JECFA No. 709

	JFFMA	JECFA	FCC
Chemical name	thymol	Thymol	Thymol
Content (NLT)	98.0 % (GC)	98 %	99.0 % GC(M-1a)
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 48 to 52°C	MP: min. 48°C	MP: 49 to 51°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		moderately soluble	1g in 1 mL 95% alc
Other requirements			
Identification*	IR : 1,2,3,5 MS : 3,4,5 NMR : 3	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