

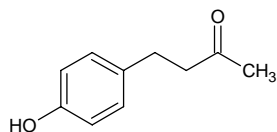
raspberry ketone

ラズベリー ケトン

Formula C₁₀H₁₂O₂

Mol. Wt. 164.20

CAS No. 5471-51-2



SEQ No. 2268 ケトン類

FEMA No. 2588

JECFA No. 728

	JFFMA	JECFA	FCC
Chemical name	raspberry ketone	4-(p-Hydroxyphenyl)-2-butanone	4-(p-Hydroxyphenyl)-2-butanone
Content (NLT)	98.0 % (GC)	96 %	98.0 % GC(M-1b)
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 80 to 85°C	MP: min. 80°C	MP: 82 to 84°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		moderately soluble	1 g in 2 mL 95% alc
Other requirements			
Identification*	IR : 1,2,5,6 MS : 4,5 NMR : 6	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