



TECHNICAL DATA SHEET

Standard grade

Product name	Raspberry ketone	Product code	EP00222
CAS No.	5471-51-2	Pheromone code	—
Molecular formula	C10H12O2	Molecular weight	164.2

Specification

Property	Specification	Method
Appearance	White crystals	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

Physical properties (literature reference)

Melting point	82.5 °C	Boiling point	200 °C / 760 mm Hg
Solubility	Insoluble in water		

Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	24 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Host attractant
Target species	Zeugodacus cucurbitae (Melon fly); Bactrocera tryoni (Queensland fruit fly); Bactrocera jarvisi (Jarvis' fruit fly)
Order / family	Diptera: Tephritidae; Diptera: Tephritidae; Diptera: Tephritidae
Crops	Cucurbits; other fruiting vegetables; tree fruits; horticultural crops
Reported use	Monitoring
Trap type	yellow sticky trap
Key reference	doi:10.1093/jee/toz006; doi:10.1007/s10886-016-0673-3