



TECHNICAL DATA SHEET

Standard grade

Product name	Geranyl butanoate	Product code	EP00203
CAS No.	106-29-6	Pheromone code	—
Molecular formula	C ₁₄ H ₂₄ O ₂	Molecular weight	224.34

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (2E)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

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	Sex pheromone
Target species	Agriotes pilosellus; Agriotes proximus; Agriotes lineatus; Agriotes brevis
Order / family	Coleoptera: Elateridae; Coleoptera: Elateridae; Coleoptera: Elateridae
Reported use	Monitoring
Reported blend components	(E)-8-hydroxygeranyl dibutanoate; geranyl octanoate; (E,E)-farnesyl butanoate
Reported blend ratio	(E)-8-hydroxygeranyl dibutanoate: 1:3 geranyl octanoate: 9:1
Key reference	doi:10.1007/s10886-021-01346-y; doi:10.1007/s10886-007-9398-7