



TECHNICAL DATA SHEET

Standard grade

Product name	Limonic acid	Product code	EP00212
InChIKey	—	Pheromone code	—
Molecular formula	C ₁₀ H ₁₈ O ₂	Molecular weight	170.25

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

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	Limoni ^{us} californicus (sugarbeet wireworm); Limoni ^{us} canus (Pacific Coast wireworm); Limoni ^{us} infuscatus; Limoni ^{us} agonus
Order / family	Coleoptera: Elateridae
Reported use	Monitoring
Dispenser loading	10 mg per polyethylene sachet (doses of 1, 3.3, and 10 mg tested; 10 mg significant for Gambrinus spp.)
Trap type	Vernon Pitfall Trap; Japanese Beetle trap
Key reference	doi:10.1093/jee/toab154; doi:10.1007/s10886-020-01241-y