



TECHNICAL DATA SHEET

Standard grade

Product name	(E)-5-decen-1-yl acetate	Product code	EP00124
CAS No.	38421-90-8	Pheromone code	5E-10:OAc
Molecular formula	C ₁₂ H ₂₂ O ₂	Molecular weight	198.3

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (5E)	≥ 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	Anarsia lineatella (peach twig borer)
Order / family	Lepidoptera: Gelechiidae
Crops	Peach
Reported use	Monitoring
Reported blend components	(E)-5-decen-1-ol
Reported blend ratio	(E)-5-decen-1-ol: 1000 microg : 100 microg
Dispenser loading	1000 microg per lure (as (E)-5-decen-1-yl acetate component of two-component blend)
Key reference	doi:10.1007/s10886-005-8402-3