



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z)-7,9-Dodecadienyl acetate	Product code	EP00123
CAS No.	54364-62-4	Pheromone code	7E,9Z-12:OAc
Molecular formula	C ₁₄ H ₂₄ O ₂	Molecular weight	224.34

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow oily liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (7E,9Z)	≥ 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	Lobesia botrana (European grapevine moth)
Order / family	Lepidoptera: Tortricidae
Crops	Grapes (Vitis vinifera L.)
Reported use	Mating disruption
Dispenser loading	10 mg of (E,Z)-7,9-dodecadienyl acetate per Ecodian LB dispenser
Key reference	doi:10.1515/znc-1974-11-1223; doi:10.1007/s10886-021-01252-3