



TECHNICAL DATA SHEET

Standard grade

Product name	7E, 9Z-Dodecadienyl Acetate	Product code	EP00054
InChIKey	LLRZUAWETKPZJO-SCFJQAPRSA-N	Pheromone code	7E,9Z-12:OAc
Molecular formula	C14H24O2	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 (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	Grape (<i>Vitis vinifera</i>)
Reported use	Mating disruption
Reported blend components	(E)-7-dodecenyl acetate; (7Z,9E,11)-dodecatrienyl acetate
Dispenser loading	10 mg per Ecodian LB dispenser
Key reference	doi:10.1515/znc-1974-11-1223; doi:10.1007/s10886-005-8404-1