



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z,Z)-4,7,10-Tridecatrienyl acetate	Product code	EP00037
CAS No.	61188-11-2	Pheromone code	4E,7Z,10Z-13:OAc
Molecular formula	C15H24O2	Molecular weight	236.35

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (4E,7Z,10Z)	≥ 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	Phthorimaea operculella (potato tuber moth)
Order / family	Lepidoptera: Gelechiidae
Crops	Potato; tobacco; Solanaceae crops
Reported use	Monitoring
Reported blend components	(E,Z)-4,7-tridecadien-1-yl acetate (diene, PTM1); (E,Z)-4,7-tridecadien-1-yl acetate (diene)
Reported blend ratio	(E,Z)-4,7-tridecadien-1-yl acetate (diene, PTM1): PTM1:PTM2 = 8:1-4:1 (E,Z)-4,7-tridecadien-1-yl acetate (diene): 1:1
Trap type	water trap
Key reference	doi:10.1002/ps.6725; doi:10.1007/bf00987855