



TECHNICAL DATA SHEET

Standard grade

Product name	(E,Z)-3,8-Tetradecadien-1-ol acetate	Product code	EP00055
CAS No.	163041-87-0	Pheromone code	3E,8Z-14:OAc
Molecular formula	C ₁₆ H ₂₈ O ₂	Molecular weight	252.39

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3E,8Z)	≥ 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	Tuta absoluta (tomato leafminer)
Order / family	Lepidoptera: Gelechiidae
Crops	Tomato
Reported use	Mating disruption
Reported blend components	E3Z8Z11-14:Ac (3E,8Z,11Z-tetradecatrien-1-yl acetate)
Dispenser loading	80 mg (in PE tube dispensers)
Key reference	doi:10.1007/s44297-024-00035-y; doi:10.1007/s00216-014-7950-1