



TECHNICAL DATA SHEET

Standard grade

Product name	Methyl (2E,4Z)-decadienoate	Product code	EP00215
CAS No.	4493-42-9	Pheromone code	2E,4Z-10:OEs
Molecular formula	C ₁₁ H ₁₈ O ₂	Molecular weight	182.26

Specification

Property	Specification	Method
Appearance	Clear, colourless oily liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (2E,4Z)	≥ 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	Aggregation pheromone
Target species	Euschistus spp.; Euschistus servus; Euschistus tristigmus; Euschistus conspersus
Order / family	Hemiptera: Pentatomidae; Hemiptera: Pentatomidae; Hemiptera: Pentatomidae
Crops	Cotton; apple; peach; blackberry
Reported use	Monitoring
Trap type	pyramid trap
Key reference	doi:10.1603/0022-0493-98.1.143; doi:10.1093/jisesa/iey140