



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-13-Octadecenyl acetate	Product code	EP00022
CAS No.	60037-58-3	Pheromone code	13Z-18:OAc
Molecular formula	C ₂₀ H ₃₈ O ₂	Molecular weight	310.51

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (13Z)	≥ 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	Chilo sacchariphagus; Chilo infuscatellus
Order / family	Lepidoptera: Crambidae
Crops	Sugarcane
Reported blend components	(Z)-11-hexadecenyl acetate (Z11-16:Ac); (Z)-13-octadecen-1-ol (Z13-18:OH)
Key reference	doi:10.1093/jisesa/ieaf084; doi:10.3389/fphys.2021.636353