



TECHNICAL DATA SHEET

Standard grade

Product name	(Z,Z,Z)-3,6,9-Tricosatriene	Product code	EP00107
CAS No.	102673-51-8	Pheromone code	3Z,6Z,9Z-23:Hy
Molecular formula	C ₂₃ H ₄₂	Molecular weight	318.58

Specification

Property	Specification	Method
Appearance	Clear, colourless liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (3Z,6Z,9Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	<i>Conogethes punctiferalis</i> (yellow peach moth); <i>Choristoneura fumiferana</i> (spruce budworm)
Order / family	Lepidoptera: Crambidae; Lepidoptera: Tortricidae
Reported blend components	(E)-10-hexadecenal (E10-16:Ald); (Z)-10-hexadecenal (Z10-16:Ald); (Z)-9-heptacosene (Z9-27:HC)
Key reference	doi:10.1007/s10886-012-0176-9; doi:10.1093/jee/toac161