



TECHNICAL DATA SHEET

Standard grade

Product name	(Z,E)-5,7-Dodecadienal	Product code	EP00069
CAS No.	75983-33-4	Pheromone code	5Z,7E-12:Ald
Molecular formula	C ₁₂ H ₂₀ O	Molecular weight	180.29

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow liquid	Visual
Chemical purity	≥ 90.0 %	GC-FID (PEG)
Isomeric purity (5Z,7E)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Storage and handling

Storage conditions	2–8 °C (or –20 °C), protected from light, under nitrogen, container filled to minimise headspace	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Target species	Dendrolimus superans sibiricus (Siberian moth)
Reported blend components	(Z,E)-5,7-dodecadienol
Reported blend ratio	(Z,E)-5,7-dodecadienol: 1:1
Key reference	doi:10.1021/jf020472s