



TECHNICAL DATA SHEET

Standard grade

Product name	Neryl (S)-2-methylbutanoate	Product code	EP00219
CAS No.	51117-19-2	Pheromone code	—
Molecular formula	C ₁₅ H ₂₆ O ₂	Molecular weight	238.37

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (2Z)	≥ 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	Frankliniella occidentalis (western flower thrips)
Order / family	Thysanoptera: Thripidae
Crops	Sweet pepper; hot pepper
Reported use	Mass trapping
Reported blend components	(R)-lavandulyl acetate
Reported blend ratio	(R)-lavandulyl acetate: 1:1
Trap type	blue sticky traps; yellow CAN trap covered with sticky material
Key reference	doi:10.1007/s10886-005-1351-z; doi:10.3390/insects14060562