



TECHNICAL DATA SHEET

Standard grade

Product name	Lanierone	Product code	EP00247
CAS No.	28750-52-9	Pheromone code	—
Molecular formula	C ₉ H ₁₂ O ₂	Molecular weight	152.19

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)

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	<i>Ips pini</i> (pine engraver); <i>Ips avulsus</i> (small southern pine engraver); <i>Ips grandicollis</i> (eastern fivespined ips); <i>Ips typographus</i> (Eurasian spruce bark beetle)
Order / family	Coleoptera: Scolytidae; Coleoptera: Curculionidae: Scolytinae; Coleoptera: Curculionidae
Crops	Pine; ponderosa pine; spruce
Reported use	Monitoring
Reported blend components	ipsdienol; ipsenol; alpha-pinene
Reported blend ratio	ipsdienol: 1:100
Trap type	multiple-funnel trap
Key reference	doi:10.1007/bf01402941; doi:10.1007/bf00984952