



## TECHNICAL DATA SHEET

Standard grade

|                   |                                   |                  |              |
|-------------------|-----------------------------------|------------------|--------------|
| Product name      | (Z,E)-8,10-Dodecadien-1-ol        | Product code     | EP00172      |
| CAS No.           | 33956-51-3                        | Pheromone code   | 8Z,10E-12:OH |
| Molecular formula | C <sub>12</sub> H <sub>22</sub> O | Molecular weight | 182.3        |

### Specification

| Property                 | Specification                           | Method                                  |
|--------------------------|-----------------------------------------|-----------------------------------------|
| Appearance               | Clear, colourless to pale yellow liquid | Visual                                  |
| Chemical purity          | ≥ 95.0 %                                | GC-FID (PEG)                            |
| Isomeric purity (8Z,10E) | ≥ 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            | Cydia pomonella (codling moth) |
| Order / family            | Lepidoptera: Tortricidae       |
| Reported blend components | (E,E)-8,10-dodecadien-1-ol     |
| Key reference             | doi:10.1515/znc-2000-11-1226   |