



## CERTIFICATE OF ANALYSIS

### Product

|              |                                   |                        |              |
|--------------|-----------------------------------|------------------------|--------------|
| Product name | (Z,E)-5,7-Dodecadienyl propionate | Product code           | EP00155      |
| InChIKey     | FDPOUOBXISIH0H-GOJKSUSPSA-N       | Pheromone code         | 5Z,7E-12:OPr |
| Batch No.    | EP260626                          | Batch size / packaging | 1 kg; 25 kg  |

### Specification and results

| Test                            | Specification                                                             | Result                   | Method                           |
|---------------------------------|---------------------------------------------------------------------------|--------------------------|----------------------------------|
| Appearance                      | Clear, colourless to pale yellow liquid; free from visible foreign matter | Clear, colourless liquid | Visual; record temperature       |
| Chemical group purity (GC area) | $\geq 95.0$ %; sum of compound stereoisomers                              | 96.5 %                   | GC-FID                           |
| Target isomer fraction (5Z,7E)  | Report distribution                                                       | 95.5 %                   | GC separation; isomer-normalised |

GC area %: stereoisomer peaks of the compound / total organic peaks, excluding solvent and internal standard; isomer fraction normalised within the group.

### Storage and dates

|                     |                                              |                  |            |
|---------------------|----------------------------------------------|------------------|------------|
| Storage conditions  | 2–8 °C, protected from light, tightly closed |                  |            |
| Date of manufacture | 2026-06-24                                   | Date of analysis | 2026-07-21 |

### Signature

| Analysed by | Approved by   | Date       |
|-------------|---------------|------------|
| Wang Zubing | Zhong Wenjing | 2026-07-21 |