



## CERTIFICATE OF ANALYSIS

### Product

|              |                                        |                        |               |
|--------------|----------------------------------------|------------------------|---------------|
| Product name | (Z)-7,(E)-11-Hexadecadien-1-yl acetate | Product code           | EP00010       |
| CAS No.      | 53042-79-8                             | Pheromone code         | 7Z,11E-16:OAc |
| Batch No.    | EP260101                               | 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) | ≥ 90.0 %; sum of compound stereoisomers                                   | 92.0 %                   | GC-FID                           |
| Target isomer fraction (7Z,11E) | Report distribution                                                       | 96.6 %                   | 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 | 2026-01-23                                   | Date of analysis | 2026-02-12 |

### Signature

| Analysed by | Approved by   | Date       |
|-------------|---------------|------------|
| Wang Zubing | Zhong Wenjing | 2026-02-12 |