



## CERTIFICATE OF ANALYSIS

### Product

|              |                            |                        |             |
|--------------|----------------------------|------------------------|-------------|
| Product name | (Z)-11-Octadecenyl acetate | Product code           | EP00165     |
| CAS No.      | 6186-98-7                  | Pheromone code         | 11Z-18:OAc  |
| Batch No.    | EP260216                   | Batch size / packaging | 1 kg; 25 kg |

### Specification and results

| Test                            | Specification                                                        | Result                   | Method                           |
|---------------------------------|----------------------------------------------------------------------|--------------------------|----------------------------------|
| Appearance                      | Clear, colourless to yellow liquid; free from visible foreign matter | Clear, colourless liquid | Visual; record temperature       |
| Chemical group purity (GC area) | ≥ 95.0 %; sum of compound stereoisomers                              | 96.5 %                   | GC-FID                           |
| Target isomer fraction (11Z)    | Report distribution                                                  | 95.2 %                   | 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 | 2026-02-15                                   | Date of analysis | 2026-03-02 |

### Signature

| Analysed by | Approved by   | Date       |
|-------------|---------------|------------|
| Wang Zubing | Zhong Wenjing | 2026-03-02 |