



CERTIFICATE OF ANALYSIS

Product

Product name	(Z,Z)-7,11-Hexadecadienyl acetate	Product code	EP00009
CAS No.	52207-99-5	Pheromone code	7Z,11Z-16:OAc
Batch No.	EP260702	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)	≥ 90.0 %; sum of compound stereoisomers	92.0 %	GC-FID
Target isomer fraction (7Z,11Z)	Report distribution	95.9 %	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	2026-07-12	Date of analysis	2026-08-04

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-08-04