



CERTIFICATE OF ANALYSIS

Product

Product name	(E,Z)-7,9-Dodecadienyl acetate	Product code	EP00123
CAS No.	54364-62-4	Pheromone code	7E,9Z-12:OAc
Batch No.	EP260620	Batch size / packaging	1 kg; 25 kg

Specification and results

Test	Specification	Result	Method
Appearance	Clear, colourless to yellow oily liquid; free from visible foreign matter	Clear, colourless oily liquid	Visual; record temperature
Chemical group purity (GC area)	≥ 90.0 %; sum of compound stereoisomers	92.0 %	GC-FID
Target isomer fraction (7E,9Z)	Report distribution	96.4 %	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	2026-06-22	Date of analysis	2026-07-07

Signature

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