



CERTIFICATE OF ANALYSIS

Product

Product name	(Z)-5-Dodecen-1-yl acetate	Product code	EP00016
CAS No.	16676-96-3	Pheromone code	5Z-12:OAc
Batch No.	EP260703	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)	≥ 95.0 %; sum of compound stereoisomers	96.5 %	GC-FID
Target isomer fraction (5Z)	Report distribution	95.4 %	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	2026-07-07	Date of analysis	2026-08-06

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-08-06