



CERTIFICATE OF ANALYSIS

Product

Product name	(Z)-9-Hexadecenal	Product code	EP00004
CAS No.	56219-04-6	Pheromone code	9Z-16:Ald
Batch No.	EP260601	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)	≥ 95.0 %; sum of compound stereoisomers	96.5 %	GC-FID
Target isomer fraction (9Z)	Report distribution	96.0 %	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 (or –20 °C), protected from light, under nitrogen, container filled to minimise headspace		
Date of manufacture	2026-06-19	Date of analysis	2026-07-01

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-07-01