



CERTIFICATE OF ANALYSIS

Product

Product name	(Z)-13-Octadecenal	Product code	EP00021
CAS No.	58594-45-9	Pheromone code	13Z-18:Ald
Batch No.	EP260406	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 (13Z)	Report distribution	95.5 %	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	2026-04-18	Date of analysis	2026-04-29

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-04-29