



CERTIFICATE OF ANALYSIS

Product

Product name	(Z,Z,Z,Z,Z)-3,6,9,12,15-Pentacosapentaene	Product code	EP00072
CAS No.	854201-96-0	Pheromone code	3Z,6Z,9Z,12Z,15Z-25:Hy
Batch No.	EP260711	Batch size / packaging	1 kg; 25 kg

Specification and results

Test	Specification	Result	Method
Appearance	Clear, colourless 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 (3Z,6Z,9Z,12Z,15Z)	Report distribution	95.8 %	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	2026-07-27	Date of analysis	2026-08-17

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-08-17