



CERTIFICATE OF ANALYSIS

Product

Product name	(3E,5Z)-Tetradeca-3,5-dienoic acid	Product code	EP00135
CAS No.	23400-52-4	Pheromone code	3E,5Z-14:Acid
Batch No.	EP260322	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 (3E,5Z)	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	2026-03-15	Date of analysis	2026-03-26

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-03-26