



CERTIFICATE OF ANALYSIS

Product

Product name	(Z)-7-Tetradecen-2-one	Product code	EP00141
CAS No.	146955-45-5		
Batch No.	EP260323	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)	$\geq 95.0\%$; sum of compound stereoisomers	96.5 %	GC-FID
Target isomer fraction (7Z)	Report distribution	96.3 %	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	2026-03-31	Date of analysis	2026-04-13

Signature

Analysed by	Approved by	Date
Wang Zubing	Zhong Wenjing	2026-04-13