



TECHNICAL DATA SHEET

Standard grade

Product name	Phenylacetaldehyde	Product code	EP00056
CAS No.	122-78-1	Pheromone code	—
Molecular formula	C ₈ H ₈ O	Molecular weight	120.15

Specification

Property	Specification	Method
Appearance	Clear, colourless to yellow oily liquid	Visual
Chemical purity	≥ 98.0 %	GC-FID (PEG)

Physical properties (literature reference)

Boiling point	195 °C / pressure not stated	Density	1.023 g/cm ³
Refractive index	n _D 1.524	Flash point	91 °C
Solubility	Slightly soluble in water		

Storage and handling

Storage conditions	2–8 °C (or –20 °C), protected from light, under nitrogen, container filled to minimise headspace	Retest period	12 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Target species	Spodoptera litura
Key reference	doi:10.3389/fphys.2021.619816