

Certificate of Analysis (COA)

Phenyl Ethyl Acetate

Product Name: Phenyl Ethyl Acetate

Chemical Name: 2-Phenylethyl Acetate

Synonym: Phenethyl Acetate

CAS No.: 103-45-7

EC No.: 203-113-5

Molecular Formula: $C_{10}H_{12}O_2$

Molecular Weight: 164.20 g/mol

Grade: Cosmetic / Perfumery Grade

Lot Number: BPCPEA112026

Expiry: November 2031

Test Item	Specification	Result
Appearance	Colorless to pale yellow clear liquid	Conforms
Odor	Sweet, floral, fruity, characteristic	Conforms
Assay / Purity (GC)	$\geq 98.0\%$	Conforms
Specific Gravity @ 25°C	1.030 – 1.040	Conforms
Refractive Index @ 20°C	1.495 – 1.505	Conforms
Acid Value	≤ 1.0 mg KOH/g	Conforms
Solubility in Water	Slightly soluble / practically insoluble	Conforms
Solubility in Alcohol	Soluble	Conforms
Identification	Conforms to reference standard	Conforms

Odor Family: Floral / Fruity

Odor Description: Sweet, floral, fruity, honey-like with rose-like nuances.

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