



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
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Certificate of Analysis

Product Name: Benzyl Phenylacetate

Product Information

Item	Details
Product Number	BPA-20260225
Batch Number	BPA-SH2026022501
Brand	SIGALD
CAS Number	102-16-9
MDL Number	MFCD00008720
Formula	C ₁₅ H ₁₄ O ₂
Formula Weight	226.27 g/mol
Quality Release Date	25 FEB 2026

Test Results

Test	Specification (Industry/Fragrance/Cosmetic Grade)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (Benzyl Phenylacetate)	≥98.5% (Fragrance/Cos ≥99.0%)	99.6%	%	Gas Chromatography (GC)
Boiling Point	320-325°C	323.5°C	°C	Distillation Method
Refractive Index (n ₂₀ ²⁰ /D)	1.5600-1.5640	1.5621	-	Abbe Refractometer
Relative Density (20/20°C)	1.085-1.089	1.087	g/cm ³	Hydrometer Method
Flash Point (Closed Cup)	≥140°C	145°C	°C	Pensky-Martens Closed Cup
Water Content	≤0.1%	0.03%	%	Karl Fischer Titration
Residue on Ignition	≤0.1%	0.02%	%	Ignition at 600±50°C
Heavy Metals (Pb)	≤5 ppm (Fragrance/Cos ≤1 ppm)	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤1 ppm	0.04 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Ethanol Solubility	Miscible (1:10 in 95% ethanol)	Clear solution	-	Visual Inspection
Fragrance	Characteristic sweet floral-musky odor, no off-flavor	Conforms to standard	-	Sensory Evaluation
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Benzyl Phenylacetate has been tested in accordance with national and industrial standards for aromatic chemicals and fragrance/cosmetic raw materials, and meets all specified requirements for fragrance, cosmetic, pharmaceutical and industrial grade use. It is qualified for release and application.

Issue Date:25 FEB 2026