



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis (COA)

### - Benzyl Alcohol

**Product Name:** Benzyl Alcohol **Quality Release Date:** 20 FEB 2026 **Issue Date:** 20 FEB 2026

### Product Information

Product Number BA-20260220  
Batch Number BA-SH2026022001  
Brand SIGALD  
CAS Number 100-51-6  
MDL Number MFCD00004532  
Formula  $C_7H_8O$   
Formula Weight 108.14 g/mol

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (Purity)	≥ 99.5%	99.8%	%	Gas Chromatography (GC)
Boiling Point	203-205°C	204.2°C	°C	Distillation Method
Melting Point	-15 to -13°C	-14.1°C	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20°C)	1.538-1.540	1.539	-	Abbe Refractometer
Relative Density (20/20°C)	1.043-1.046	1.045	g/cm <sup>3</sup>	Hydrometer Method
Flash Point (Closed Cup)	≥ 90°C	93°C	°C	Pensky-Martens Method
Water Content	≤ 0.1%	0.04%	%	Karl Fischer Titration
Acidity (as benzoic acid)	≤ 0.01%	0.003%	%	Titration with NaOH
Heavy Metals (Pb)	≤ 5 ppm	1.0 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Residue on Evaporation	≤ 0.005%	0.001%	%	Gravimetric Method
Odor	Characteristic mild aromatic odor	Conforms	-	Sensory Evaluation

### Certification

This batch of Benzyl Alcohol has been tested in accordance with the relevant industrial standards for fine chemicals and cosmetic raw materials and meets all specified requirements. It is qualified for use.