

Certificate of Analysis (COA)

Product Information

Product Name	Benzoic Acid
Product Number	BA-20260312
Batch Number	BA-SH2026031201
Brand	TECHPURE
CAS Number	65-85-0
MDL Number	MFC000002439
Formula	C ₇ H ₆ O ₂
Formula Weight	122.12 g/mol
Quality Release Date	12 MAR 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Purity (HPLC)	≥ 99.5%	99.7%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	121-123°C	122.0-122.8°C	°C	Melting Point Apparatus
Water Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 1 ppm	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Non-Volatile Residue	≤ 0.05%	0.02%	%	Gravimetric Method

Certification

This batch of product has been tested in accordance with industrial standards for benzoic acid and meets all specified requirements. It is qualified for industrial, pharmaceutical, and food-grade use.

Issue Date: 12 MAR 2026