



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name Benzene  
Product Number BZ-20260207  
Batch Number BZ-SH2026020701  
Brand CHEMIPURE  
CAS Number 71-43-2  
MDL Number MFCD00003080  
Formula  $C_6H_6$   
Formula Weight 78.11 g/mol  
Quality Release Date 07 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity (GC)	$\geq 99.5\%$	99.8%	%	Gas Chromatography (GC)
Water Content	$\leq 0.05\%$	0.01%	%	Karl Fischer Titration
Density (20°C)	0.878-0.880 g/cm <sup>3</sup>	0.879 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	79.5-80.5°C	80.0-80.3°C	°C	Distillation Test
Non-Volatile Residue	$\leq 0.005\%$	0.001%	%	Gravimetric Method
Heavy Metals (Pb)	$\leq 0.5$ ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	$\leq 0.1$ ppm	0.05 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Sulfur	$\leq 5$ ppm	2 ppm	ppm	UV Fluorescence Spectrometry

### Certification

This batch of product has been tested in accordance with industrial standards for benzene and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date: 07 FEB 2026