



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name:Aniline

Product Number:ANI-20260318

Batch Number:ANI-SH2026031801

Brand:TECHPURE

CAS Number:62-53-3

MDL Number:MFCD00007452

Formula:C<sub>6</sub> H<sub>7</sub> N

Formula Weight:93.13 g/mol

Quality Release Date:18 MAR 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale brown	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity (GC)	≥ 99.0%	99.2%	%	Gas Chromatography (GC)
Water Content	≤ 0.2%	0.08%	%	Karl Fischer Titration
Density (20°C)	1.021-1.023 g/cm <sup>3</sup>	1.022 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	183-185°C	183.5-184.8°C	°C	Distillation Test
Melting Point	-6.0 to -5.0°C	-5.5°C	°C	Melting Point Apparatus
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)
Non-Volatile Residue	≤ 0.05%	0.02%	%	Gravimetric Method

### Certification

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

Issue Date: 18 MAR 2026