



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name:Cyanamide

Product Number:CYA-20260327

Batch Number:CYA-SH2026032701

Brand:TECHPURE

CAS Number:420-04-2

MDL Number:MFCD00007941

Formula:CH<sub>2</sub>N<sub>2</sub>

Formula Weight:42.04 g/mol

Quality Release Date:27 MAR 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity (GC)	≥ 98.0%	98.3%	%	Gas Chromatography (GC)
Water Content	≤ 1.0%	0.5%	%	Karl Fischer Titration
Density (20°C)	1.072-1.074 g/cm <sup>3</sup>	1.073 g/cm <sup>3</sup>	g/cm <sup>3</sup>	Density Meter
Boiling Range	140-142°C	140.5-141.8°C	°C	Distillation Test
Melting Point	45-47°C	45.8°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 cyanamide and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date:27 MAR 2026