



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Thiourea
Product Number:TU-20260326
Batch Number:TU-SH2026032601
Brand:TECHPURE
CAS Number:62-56-6
MDL Number:MFCD00004535
Formula:CH₄N₂S
Formula Weight:76.12 g/mol
Quality Release Date:26 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)	≥ 99.0%	99.3%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	171-175°C	172.0-174.5°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 thiourea and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date:26 MAR 2026