



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Formaldehyde Solution (37% in Water, with Methanol Stabilizer)

Product Number:FOR-20260319

Batch Number:FOR-SH2026031901

Brand:TECHPURE

CAS Number:50-00-0

MDL Number:MFCD00003287

Formula:CH₂O (Aqueous Solution)

Formula Weight:30.03 g/mol (Pure Substance)

Quality Release Date:19 MAR 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
Formaldehyde Content (HPLC)	37.0 ± 1.0%	37.2%	%	High Performance Liquid Chromatography (HPLC)
Methanol Content (Stabilizer, GC)	6.0-8.0%	6.8%	%	Gas Chromatography (GC)
pH Value (25°C)	2.5-4.0	3.2	-	Digital pH Meter
Water Content	55.0-57.0%	56.0%	%	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)
Non-Volatile Residue	≤ 0.05%	0.02%	%	Gravimetric Method

Certification

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

Issue Date: 19 MAR 2026