



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Product Information

Product Name:Phosphoric Acid (85% Aqueous Solution)

Product Number:PHOS-20260211

Batch Number:PHOS-SH2026021101

Brand:TECHPURE

CAS Number:7664-38-2

MDL Number:MFCD00011358

Formula:H₃PO₄ (Aqueous Solution)

Formula Weight:98.00 g/mol (Pure Substance)

Quality Release Date:11 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear viscous liquid	Clear viscous liquid	-	Visual Inspection
Concentration (w/w)	85.0 ± 1.0%	85.2%	%	Titration Method
Free Sulfuric Acid (as H ₂ SO ₄)	≤ 0.05%	0.02%	%	Turbidimetric Method
Chloride (Cl ⁻)	≤ 0.005%	0.002%	%	Potentiometric 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)
Density (20°C)	1.685-1.690 g/cm ³	1.688 g/cm ³	g/cm ³	Density Meter

Certification

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

Issue Date:11 FEB 2026