



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Hydrofluoric Acid (40% Aqueous Solution)

Product Number:HF-20260213

Batch Number:HF-SH2026021301

Brand:TECHPURE

CAS Number:7664-39-3

MDL Number:MFCD00011323

Formula:HF (Aqueous Solution)

Molecular Weight:20.01 g/mol (Pure Substance)

Quality Release Date:13 FEB 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
Concentration (w/w)	40.0 ± 1.0%	40.2%	%	Titration Method (F ⁻ Selective Electrode)
Fluoride (F ⁻) Content	39.0-41.0%	39.8%	%	Ion Chromatography
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)	1.128-1.132 g/cm ³	1.130 g/cm ³	g/cm ³	Density Meter

Certification

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

Issue Date:13 FEB 2026