



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Amino Trimethylene Phosphonic Acid (ATMP) Aqueous Solution

Product Information

Product Number: ATMP-CAS6419198-202602 Batch Number: ATMP-2028021501 Brand: SIGALD
CAS Number: 6419-19-8 MDL Number: MFCD00002130 Formula: $C_3H_7NO_6P_3$ Formula
Weight: 299.05 g/mol Quality Release Date: 15 FEB 2025

Test Item	Specification (Industrial Standard)	Result	Test Method
Appearance	Colorless to pale yellow transparent	Colorless transparent liquid	Visual Inspection
Active Component Content (as	$\geq 50.0\%$	51.2%	GB/T 26324-2010
pH Value (25°C, 1% Solution)	1.5-2.5	2.0	Digital pH Meter
Density (25°C)	1.35-1.45 g/cm ³	1.38 g/cm ³	Hydrometer Method
Calcium Carbonate Scale	$\geq 95\%$ (80°C, 24h)	97%	Static Scale Inhibition Test
Total Phosphorus (as PO_4^{3-})	$\geq 40.0\%$	41.5%	Ammonium Molybdate Spectrophotometry
Heavy Metals (Pb)	$\leq 0.0005\%$	0.0001%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.001\%$	0.0003%	1,10-Phenanthroline Spectrophotometry
Supplier Information	Confirmed	Confirmed	-
Registered Trademark	Confirmed	Confirmed	-

This batch of product has been tested in accordance with industrial standards for amino trimethylene phosphonic acid (ATMP) and meets all specified requirements. It is qualified for use. Issue Date: 15 FEB 2025