



Shandong Xintai Chemicals Co., Ltd.

CERTIFICATE OF ANALYSIS

Chemical Name : AMINO TRIMETHYLENE PHOSPHONIC ACID(ATMP)
CAS Number : 6419-19-8 Batch Number : A240318-1
Quantity : 21.60MT Mfg. Date : 18 03 2024
Expiry Date : 17 03 2026
Shelf life : 24 month

The above chemical was tested and the following results have been obtained:

Analysis	Unit	Standard	Results
Appearance		Colorless or pale yellow transparent liquid	Colorless transparent liquid
Active content(as ATMP)	%	48-52	50.51
Phosphorous acid(as PO_3^{3-})	%	≤ 3.0	1.72
Phosphoric acid (as PO_4^{3-})	%	≤ 0.8	0.45
Chloride (as Cl)	%	≤ 2.0	0.92
PH(1% water solution)		1.5 – 2.5	1.71
Fe (as Fe^{3+})	ppm	≤ 20	8.46
Density (20°C)	g/cm^3	≥ 1.30	1.345
Color	Hazen	≤ 40	30
CaCO ₃ Sequesterring ability	mg/g	≥ 400	408

Inspector : 05

Checker : 01



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