

# CERTIFICATE OF ANALYSIS

Chemical Name: Amino Trimethylene Phosphonic Acid (ATMP) 50%

Batch Number: 2403121041 PO No.: 24693

Manufacture Date: 2024-03-12 Quantity: 20000.00KG

Expiry Date: 2025-03-12 Package: 250KG/50% De

Revalid Date: 2025-09-12

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

Analysis	Standard	Results
Appearance	Colorless or pale yellow liquid	Light yellow transparent liquid
PH (1%)	$\leq 2$	1.68
Active content ( as acid) %	$\geq 50$	50.589
Chloride (as Cl-) %	$\leq 1$	0.921
Density (20°C) g/cm <sup>3</sup>	$\geq 1.3$	1.337
Color Hazen	$\leq 40$	22.5
Fe ion ppm	$\leq 20$	7.528