

CERTIFICATE OF ANALYSIS

Chemical Name : PET 104 Amino Trimethylene Phosphonic Acid (ATMP) 50% (Organic surface-active agents)

Batch Number : 1707301013

Quantity : 12000.00KG

Manufacture Date : 2017-07-30

Package : 250KG/DURM

Expiry Date : 2018-05-30

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

Analysis	Standard	Results
Appearance	Colorless or pale yellow transparent liquid	Light yellow transparent liquid
Active content(as acid) %	≥50	50.46
Chloride (as Cl-)%	≤1	0.61
Fe ion ppm	≤10	8.54
Density(20°C) g/cm ³	1.31-1.35	1.337
PH(1%)	≤2	1.71
Color Hazen	≤40	28.90
Phosphoric acid(as PO ₄ ³⁻)%	≤0.8	0.73
Phosphorous acid(as PO ₃ ³⁻) %	≤3.5	2.62
Ca sequestration MG/G	≥450	452.25

