



CERTIFICATE OF ANALYSIS

Acrylic Acid-2-Acrylamido-2-Methylpropane Sulfonic Acid Copolymer

(AA/AMPS)

CAS No. 40623-75-4

Properties:

AA/AMPS is the copolymer of acrylic acid and 2-acrylamido-2-methylpropanesulfonic acid (AMPS). Due to including carboxylic group (scale inhibition and dispersion) and sulfonic acid group (strong polarity) in this copolymer, it has high calcium tolerance and good scale inhibition for calcium phosphate, calcium carbonate and zinc scale.

Specification:

Items	Index	Result
Appearance	Colorless or light yellow liquid	confirm
Solid content %	40 min	40.44
Free monomer (as AA)%	0.8 max	0.30
Density (20°C)g/cm ³	1.15 min	1.18
pH(1% water solution)	3.5-4.5	4.15
Viscosity 25 °C mpa.s	50-250	85

Usage:

It can be used as scale inhibitor and dispersant in open circulating cool water system, oilfield refill water system, metallurgy system and iron & steel plants to prevent sediment of ferric oxide.

Package:

200L plastic drum, IBC(1000L),customers' requirement.

