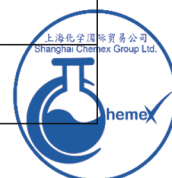




HEDP 60%

Certificate of analysis

Chemical Name:	1-hydroxyethylidene-1, 1-diphosphonic acid	
Abbreviation	HEDP	
Characteristics	Specification	Value
Appearance	Clear colorless to pale tan liquid, free from foreign matter	
Odor	Slight to none	
Active Acid (%)	60.0 min	60.6
Phosphorous acid as PO ₃ ³⁻ (%)	2.0 max	0.8
Phosphoric acid as PO ₄ ³⁻ (%)	0.8 max	0.2
Chloride as Cl (ppm)	100 max	20.3
Sequestrant value (CaCO ₃) mg/g as product at PH 11-12	500 min	511
pH (1% solution)	2.0 max	1.7
Density (20°C) g/cm	1.440 min	1.448
Iron content (Fe ppm)	35.0 max	4.2
Color (Hazen)	80 max	6



Tester:

