

山东泰和水处理科技股份有限公司

Shandong Taihe Water Treatment Technologies Co., Ltd.

Certificate Of Analysis

Product Name: 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid(HEDP)

Manufacturing Date: 2022/1/11

Quantity: 20000kgs

Report Date: 2022/1/21

Appearance	Clear, Colorless to pale yellow aqueous solution	
Active content (HEDP)%	58.0-62.0	White crystal powder
Active content (HEDP·H ₂ O)%	-	90.0 min
Phosphorous acid (as PO ₃ ³⁻)%	2.0 max	98.0 min
Phosphoric acid (as PO ₄ ³⁻)%	0.8 max	0.8 max
Chloride (as Cl ⁻)%	0.02 max	0.5 max
pH (1% water solution)	2.0 max	0.01 max
Density (20°C)g/cm ³	1.40 min	2.0 max
Fe, mg/L	20.0 max	-
Ca sequestration (mg CaCO ₃ /g)	500.0 min	10.0 max