

Changzhou New Future Chemical Co., Ltd.

Certificate Of Analysis

Product Name: HS-311 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid (HEDP)

Manufacturing Date: 2022/3/10

Quantity: 2000kgs

Report Date: 2022/3/17

Item	Details	
	HG/T 3537-1999	
Appearance	colorless or light yellow transparent liquid	white powdered solid
Active ingredient (HEDP)% \geq	60.0	89
Phosphorous acid (PO_3^{3-})% \leq	2.0	0.8
Phosphoric acid (以 PO_4^{3-}) % \leq	0.8	0.5
Chloride (Cl^-) % \leq	0.01	0.01
pH-value (1%aqueous solution) \leq	2	2
Density (20 $^{\circ}\text{C}$) g/cm 3 \geq	1.40	—
Calcium chelating value mg/g	500	—
Iron ($^{2+}$) content mg/L \leq	10	5
Active ingredient (HEDP H_2O)% \geq	—	98