



# CERTIFICATE OF ANALYSIS

Chemical Name:	1-Hydroxy Ethylidene-1,1-Diphosphonic Acid(HEDP) 60%	Batch Number:	2204131102
CAS Number:	2809-21-4	Manufacture Date:	2022-4-13
Quantity:	/	Expiry Date:	2023-4-13
Package	/		

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

Analysis	Standard	Results
Appearance	Colorless transparent liquid	Colorless transparent liquid
Active content( as acid) %	60min	60.286
Phosphoric acid( as PO <sub>4</sub> <sup>3-</sup> )%	0.80 MAX	0.312
Phosphorous acid(as PO <sub>3</sub> <sup>3-</sup> ) %	2.00 MAX	0.880
Chloride (as Cl <sup>-</sup> )%	100 MAX	50.595
PH( 1% water solution)	2.00 MAX	1.68
Ca sequestration MG/G	500.00 MIN	510.336
Density(20℃) G/cm <sup>3</sup>	1.40min	1.445
Fe PPM	10.00 MAX	8.921
Colour APHA (Hazen)	30.00 MAX	9.8

**CERTIFIED**

Inspector	Ms.Zhuang	Checker:	Donghai Wang
Date	2022-4-13	Date	2022-4-13



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