



# CERTIFICATE OF ANALYSIS

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Product Name	HEDP 60%
CAS No.	2809-21-4
Batch Number	1190122
Batch Quantity	20,000kgs
Date Of Manufacture	Nov. 17, 2019
Date Of Report	Nov. 17, 2019

This is to certify that the quality of the subject product is as follows:

Item	Standard	Test Result
Appearance	Colourless to pale liquid	Conform
Active Acid(%)	60.0min	60.7
Phosphorous acid as $\text{PO}_3^{3-}$ (%)	2.0 max	0.7
Phosphoric acid as $\text{PO}_4^{3-}$ (%)	0.8 max	0.2
Chloride as Cl (ppm)	100 max	77
Sequestrant value ( $\text{CaCO}_3$ ) mg/g as product at PH 11-12	500 min	515
PH (1% solution) @20 °C	2.0 max	1.7
Density (20°C),g/cm <sup>3</sup>	1.440 min	1.452
Iron content (Fe ppm)	35.0 max	3.9
Colour (Hazen)	80 max	8
Conclusion: The results conform to the required standard.		

