

CERTIFICATE OF ANALYSIS

GOODS: 1-HYDROXYETHYLIDENE-1,1- DIPHOSPHONIC ACID
ABBREVIATION: HEDP
LOT NO.: 200228
ISSUING DATE: FEB.28,2020
QUANTITY: 15000KGS

ITEM	INDEX	RESULT
APPEARANCE	COLORLESS TO LIGHT YELLOW TRANSPARENT LIQUID	
ACTIVE CONTENT (as HEDP) %	60.0-62.0	60.45
PHOSPHOROUS ACID (as PO_3^{3-}) %	2.5MAX	0.94
PHOSPHORIC ACID (as PO_4^{3-}) %	0.7 MAX	0.41
TOTAL PHOSPHORUS (as P_2O_5) %	40.0-42.7	42.55
ACETIC ACID %	1.0MAX	0.50
PH (1%water solution)	2.0 MAX	1.74
DENSITY(20°C) g/cm^3	1.44~1.47	1.458
IRON ppm	10MAX	5.05
CHLORIDES (as Cl) ppm	100MAX	27.35
COLOR (APHA)	30 MAX	10
SEQUESTRANT VALUE (CaCO3)mg	500 MIN	530.00
CONCLUSION	CONFORMED	

Analyst:	L	Checker:	H
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