

Certificate of analysis

HEDP 98%

| Manufacturing Date | Expire date | Batch No |
|--------------------|-------------|-------------|
| 2022.04.16 | 2024.04.15 | 20220416-06 |

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

| Analysis | Unit | Standard | Results |
|-----------------------------|------|--------------------------|--------------------------|
| Appearance | | White crystalline powder | White crystalline powder |
| Active Content (HEDP) | % | 90 min | 90.36 |
| Active Content (HEDP H2O) | % | 98 min | 98.26 |
| Phosphorous Acid (as PO33-) | % | 0.8 max | 0.35 |
| Phosphoric Acid (as PO43-) | % | 0.5 max | 0.18 |
| Chloride (as Cl-) | % | 0.01 max | 0.0059 |
| PH (1% water solution) | | 1.5-2.0 | 1.66 |
| Fe, iron | ppm | 10 max | 3.91 |
| Conclusion | | | Qualified |

Tester:

