

Certificate of Analysis

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|--------------------------|---|
| Date of Testing: | 2024-02-28 16:15:58 |
| Date of Next Testing: | 2027-02-27 16:15:58 |
| Product Name: | Zinc sulfate heptahydrate |
| CAS Number: | 7446-20-0 |
| Specifications & Purity: | Premium pure, Suitable for Analysis, ACS, Ph.Eur. |
| Lot #: | B2427544 |
| SKU # | Z433480 |
| Version | 1 |
| Analysis #: | 233144 |
| Storage Temperature: | Room temperature |

| Parameter | Limit Values | Result |
|----------------------------|--------------------------|--------------------------|
| Assay(Complexometric EDTA) | 99.5-103.0 (%) | 101.97 % |
| Insoluble matter | 0-0.01 (%) | 0.00 % |
| PH (5%, water) 25 ° C | 4.4-5.6 | 4.62 |
| Chloride (Cl-) | 0-0.0005 (%) | 0.00 % |
| Nitrate(NO3) | 0-0.002 (%) | 0.00000 % |
| Arsenic(As) | 0-0.00005 (%) | 0.00000 % |
| Calcium(Ca) | 0-0.001 (%) | 0.00 % |
| Cadmium(Cd) | 0-0.0005 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Potassium(K) | 0-0.001 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.001 (%) | 0.00 % |
| Manganese(Mn) | 0-0.0003 (%) | 0.00 % |
| Ammonia (NH4) | 0-0.001 (%) | 0.00 % |
| Lead(Pb) | 0-0.001 (%) | 0.00 % |
| Copper(Cu) | 0-0.0005 (%) | 0.00 % |
| Total Nitrogen | 0-0.0005 (%) | 0.00 % |
| Sodium(Na) | 0-0.001 (%) | 0.00 % |
| Appearance(Z433480) | white crystals or chunks | white crystals or chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager