

## Certificate of Analysis

Date of Testing: 2024-10-28 11:33:50  
 Date of Next Testing: 2027-10-28 11:33:50  
 Product Name: **Sodium phosphate dibasic heptahydrate**  
 CAS Number: 7782-85-6  
 Specifications & Purity: AR, ≥98%  
 Lot #: J2421892  
 SKU #: **S195031**  
 Version: **0**  
 Analysis #: **393335**  
 Storage Temperature: Room temperature

| Parameter                               | Limit Values                       | Result                             |
|-----------------------------------------|------------------------------------|------------------------------------|
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.005 (%)                        | 0.00 %                             |
| Drying loss(130°C)                      | 0-47 (%)                           | 46.72 %                            |
| Chloride (Cl <sup>-</sup> )             | 0-0.002 (%)                        | 0.00 %                             |
| Insoluble matter in H <sub>2</sub> O    | 0-0.005 (%)                        | 0.00 %                             |
| PH (5%, water) 25 ° C                   | 8.7-9.3                            | 8.78                               |
| Assay                                   | 98-102.5 (%)                       | 99.83 %                            |
| Appearance (S195031)                    | Colorless or White crystals,chunks | Colorless or White crystals,chunks |
| Clarity of solution                     | pass                               | Pass                               |
| ICP:Confirms Sodium Component           | Confirmed                          | Confirmed                          |



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QA & QC Manager