

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-12 15:35:27  
Date of Next Testing: 2025-10-11 15:35:27  
Product Name: **Sodium phosphate dibasic heptahydrate**  
CAS Number: 7782-85-6  
Specifications & Purity: Analytical Reagent, 98%  
Lot #: J2211179  
SKU #: **S195031**  
**Analysis:** **117019**  
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 (%)                            | 45.74 %                             |
| 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                             | 8.96                                |
| Assay                                   | 98-102.5 (%)                        | 99.17 %                             |
| Appearance (S195031)                    | Colorless or White crystals, chunks | Colorless or White crystals, chunks |
| Clarity of solution                     | pass                                | Pass                                |
| ICP:Confirms Sodium Component           | Confirmed                           | Confirmed                           |



John Su  
QA & QC Manager