

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-12 15:44:08  
 Date of Next Testing: 2030-01-11 15:44:08  
 Product Name: **Sodium hexametaphosphate(SHMP)**  
 CAS Number: 10124-56-8  
 Specifications & Purity: AR  
 Lot #: A2609399  
 SKU #: **S108858**  
 Version: **2**  
 Analysis #: **635483**  
 Storage Temperature: Room temperature

| Parameter                                  | Limit Values                                    | Result                                          |
|--------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Insoluble matter in H <sub>2</sub> O       | 0-0.01 (%)                                      | 0.00000 %                                       |
| Chloride (Cl <sup>-</sup> )                | 0-0.02 (%)                                      | 0.00310 %                                       |
| Assay(P <sub>2</sub> O <sub>5</sub> )      | 65-70 (%)                                       | 68.11000 %                                      |
| Heavy metal (as Pb)                        | 0-0.002 (%)                                     | 0.00000 %                                       |
| Iron(Fe)                                   | 0-0.005 (%)                                     | 0.00210 %                                       |
| Appearance (S108858)                       | White to Off-White Powder, Crystals or Granules | White to Off-White Powder, Crystals or Granules |
| Phosphate(PO <sub>4</sub> )                | Pass                                            | Pass                                            |
| ICP: Confirms Sodium Component             | Confirmed                                       | Confirmed                                       |
| ICP: Confirms Phosphorus Component         | Confirmed                                       | Confirmed                                       |
| Infrared spectrum                          | Conforms to Structure                           | Conforms to Structure                           |
| Potassium permanganate reducing substances | Pass                                            | Pass                                            |



QualityAssurance@aladdinsci.com

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

John Su  
QA & QC Manager