

## Certificate of Analysis

Date of Testing: 2025-06-26 11:49:21

Date of Next Testing: 2029-06-25 11:49:21

Product Name: **Sodium hexametaphosphate**

CAS Number: 10124-56-8

Specifications & Purity: AR

Lot #: F2524579

SKU #: **S108858**

Version: **2**

Analysis #: **511329**

| Parameter                                  | Limit Values                                    | Result                                          |
|--------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Insoluble matter in H <sub>2</sub> O       | 0-0.01 (%)                                      | 0.00 %                                          |
| Heavy metal (as Pb)                        | 0-0.002 (%)                                     | 0.00 %                                          |
| Iron(Fe)                                   | 0-0.005 (%)                                     | 0.00 %                                          |
| Chloride (Cl <sup>-</sup> )                | 0-0.02 (%)                                      | 0.01 %                                          |
| Assay(P <sub>2</sub> O <sub>5</sub> )      | 65-70 (%)                                       | 65.06600 %                                      |
| Appearance (S108858)                       | White to Off-White Powder, Crystals or Granules | White to Off-White Powder, Crystals or Granules |
| ICP: Confirms Sodium Component             | Confirmed                                       | Confirmed                                       |
| ICP: Confirms Phosphorus Component         | Confirmed                                       | Confirmed                                       |
| Potassium permanganate reducing substances | Pass                                            | Pass                                            |
| Phosphate(PO <sub>4</sub> )                | Pass                                            | Pass                                            |
| Infrared spectrum                          | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager