

## Certificate of Analysis

Date of Testing: 2024-06-01 08:48:47  
Date of Next Testing: 2028-05-31 08:48:47  
Product Name: **Sodium thiosulfate pentahydrate**  
CAS Number: 10102-17-7  
Specifications & Purity: 99%  
Lot #: E2423075  
SKU #: **S112303**  
Version: **1**  
Analysis #: **362426**  
Storage Temperature: Desiccated

| Parameter                               | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Heavy metal (as Pb)                     | 0-0.0005 (%)          | 0.00%                 |
| Chloride (Cl-)                          | 0-0.02 (%)            | 0.00%                 |
| Iron(Fe)                                | 0-0.0005 (%)          | 0.00%                 |
| Calcium(Ca)                             | 0-0.003 (µg/mg)       | 0.00 µg/mg            |
| Insoluble matter in H <sub>2</sub> O    | 0-0.005 (%)           | 0.00%                 |
| Total Nitrogen                          | 0-0.005 (%)           | 0.00%                 |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.05 (%)            | 0.02%                 |
| PH(5% in water, 25°C)                   | 6-7.5                 | 6.09                  |
| Assay (Titration with Iodine)           | 99-100 (%)            | 100.00%               |
| X-Ray Diffraction                       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager