

## Certificate of Analysis

Date of Testing: 2024-12-09 09:58:41

Date of Next Testing: 2028-12-08 09:58:41

Product Name: **Mercuric sulfate**

CAS Number: 7783-35-9

Specifications & Purity: AR, ≥99%

Lot #: L2404301

SKU #: **M105175**

Version: **1**

Analysis #: **445614**

Storage Temperature: Argon charged

| Parameter                          | Limit Values             | Result                   |
|------------------------------------|--------------------------|--------------------------|
| Purity((precipitation titration) ) | 99-100 (%)               | 99.94 %                  |
| Chloride (Cl-)                     | 0-0.003 (%)              | 0.00 %                   |
| Iron(Fe)                           | 0-0.001 (%)              | 0.00 %                   |
| Ignition Residue                   | 0-0.04 (%)               | 0.00 %                   |
| Sulfuric acid insoluble substance  | 0-0.03 (%)               | 0.00130 %                |
| Appearance (M105175)               | white crystalline powder | white crystalline powder |
| X-Ray Diffraction                  | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager