

## Certificate of Analysis

Date of Testing: 2023-03-30 17:45:05  
Date of Next Testing: 2025-03-19 17:45:05  
Product Name: **4-Aminothiophenol**  
CAS Number: 1193-02-8  
Specifications & Purity:  $\geq 98\%$ (GC)  
Lot #: C2303454  
SKU #: **A107494**  
**Analysis: 175113**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Nitrogen by Elemental Analysis | 10.8-11.6 (%)                   | 11.26 %                         |
| Carbon by Elemental Analysis   | 55.5-59.6 (%)                   | 57.32 %                         |
| Sulfur by Elemental Analysis   | 24.7-26.5 (%)                   | 25.80 %                         |
| Purity(GC)                     | 98-100 (%)                      | 98.01 %                         |
| Melting point                  | 37-43 (°C)                      | 37.01000 °C                     |
| GC-MS for identification       | Conforms                        | Conforms                        |
| Proton NMR spectrum            | Conforms to structure           | Conforms to Structure           |
| Appearance (A107494)           | white to yellow solid or liquid | white to yellow solid or liquid |



John Su  
QA & QC Manager