

## Certificate of Analysis

Date of Testing: 2022-02-14 15:29:51

Date of Next Testing: 2026-02-13 15:29:51

Product Name: **Phenothiazine**

CAS Number: 92-84-2

Specifications & Purity:  $\geq 98\%$

Lot #: B2210397

SKU #: **P108681**

Version: **1**

Analysis #: **058248**

Storage Temperature: Argon charged

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis   | 70.9-73.8 (%)                   | 72.56 %                         |
| Melting point                  | 183-188 (°C)                    | 184.36000 °C                    |
| Purity(HPLC)                   | 98-100 (%)                      | 99.70200 %                      |
| Nitrogen by Elemental Analysis | 6.8-7.2 (%)                     | 6.80 %                          |
| Appearance(P108681Color)       | Faint Yellow to Yellow to Green | Faint Yellow to Yellow to Green |
| Infrared spectrum              | Conforms to Structure           | Conforms to Structure           |
| Solubility in Acetone          | almost transparency             | almost transparency             |
| Appearance (P108681Form)       | Powder or Beads or Pellets      | Powder or Beads or Pellets      |



John Su  
QA & QC Manager