

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-27 10:52:37  
 Date of Next Testing: 2030-06-26 10:52:37  
 Product Name: **Phenothiazine(PTZ)**  
 CAS Number: 92-84-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2622090  
 SKU #: **P108681**  
 Version: **1**  
 Analysis #: **116653**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis   | 70.9-73.8 (%)                   | 72.36000 %                      |
| Melting point                  | 183-188 (°C)                    | 184.87000 °C                    |
| Purity(HPLC)                   | 98-100 (%)                      | 99.44900 %                      |
| Nitrogen by Elemental Analysis | 6.8-7.2 (%)                     | 6.82000 %                       |
| 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