

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-28 09:42:26  
 Date of Next Testing: 2029-06-27 09:42:26  
 Product Name: **Phenazine methosulfate(PMS)**  
 CAS Number: 299-11-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2525477  
 SKU #: **P105579**  
 Version: **0**  
 Analysis #: **528970**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

| Parameter                                                                          | Limit Values                         | Result                               |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|
| Purity(HPLC)                                                                       | 98-100 (%)                           | 99.59500 %                           |
| Nitrogen by Elemental Analysis                                                     | 8.4-9.6 (%)                          | 9.14400 %                            |
| Carbon by Elemental Analysis                                                       | 53.2-55.4 (%)                        | 54.82700 %                           |
| Appearance (P105579)                                                               | Yellow to Brown or Dark Brown Powder | Yellow to Brown or Dark Brown Powder |
| Solubility in H <sub>2</sub> O , Light Orange to Orange to Brown, Clear, 200 mg/ml | pass                                 | Pass                                 |
| Infrared spectrum                                                                  | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager