

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-06 19:08:34

Date of Next Testing: 2027-02-05 19:08:34

Product Name: **Phenazine methosulfate(PMS)**

CAS Number: 299-11-6

Specifications & Purity:  $\geq 98\%$

Lot #: B2302433

SKU #: **P105579**

Version: **0**

Analysis #: **075531**

Storage Temperature: Protected from light,Store at -20°C

| Parameter                                                                        | Limit Values                         | Result                               |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|
| Purity(HPLC)                                                                     | 98-100 (%)                           | 98.92220 %                           |
| Nitrogen by Elemental Analysis                                                   | 8.4-9.6 (%)                          | 8.62000 %                            |
| Carbon by Elemental Analysis                                                     | 53.2-55.4 (%)                        | 54.97000 %                           |
| Appearance (P105579)                                                             | Yellow to Brown or Dark Brown Powder | Yellow to Brown or Dark Brown Powder |
| Infrared spectrum                                                                | Conforms to Structure                | Conforms to Structure                |
| Solubility in H <sub>2</sub> O , Light Orange to Orange to Brown,Clear,200 mg/ml | pass                                 | Pass                                 |



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QA & QC Manager