

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-09 15:05:43

Date of Next Testing: 2027-03-08 15:05:43

Product Name: **Diphenylamine sulfate**

CAS Number: 587-84-8

Specifications & Purity:  $\geq 98\%$

Lot #: C2302404

SKU #: **D113465**

Version: **0**

Analysis #: **181571**

Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values              | Result                    |
|----------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                     | 98-100 (%)                | 99.63000 %                |
| Purity(Neutralization titration) | 98-100 (%)                | 98.80000 %                |
| Melting point                    | 147-152 (°C)              | 151.96000 °C              |
| Appearance (D113465)             | White or off-white powder | White or off-white powder |
| Solubility in MeOH               | almost transparency       | almost transparency       |
| Infrared spectrum                | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager