

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-18 13:41:45
Date of Next Testing: 2027-09-17 13:41:45
Product Name: **4,7-Dimethoxy-1,10-phenanthroline**
CAS Number: 92149-07-0
Specifications & Purity: 97%
Lot #: I2301402
SKU #: **D119922**
Analysis: **266926**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--------------------------------|-----------------------------------|-----------------------------------|
| Nitrogen by Elemental Analysis | 11.2-12.2 (%) | 11.65 % |
| Carbon by Elemental Analysis | 67.5-72.4 (%) | 69.07 % |
| Purity(HPLC) | 97-100 (%) | 98.86400 % |
| Appearance (D119922) | white to brown crystals or powder | white to brown crystals or powder |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager