

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-19 11:12:51  
Date of Next Testing: 2027-09-18 11:12:51  
Product Name: **4,7-Dimethoxy-1,10-phenanthroline**  
CAS Number: 92149-07-0  
Specifications & Purity: 97%  
Lot #: I2301408  
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