

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-15 17:15:09

Date of Next Testing: 2027-05-14 17:15:09

Product Name: **4,7-Dihydroxy-1,10-phenanthroline**

CAS Number: 3922-40-5

Specifications & Purity: $\geq 98\%$

Lot #: E2310150

SKU #: **D119919**

Version: **0**

Analysis #: **159093**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	95-100 (%)	97.36 %
Purity(HPLC)	98-100 (%)	98.01000 %
Appearance (D119919)	Grey to brown to green powder and/or chunks	Grey to brown to green powder and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager