

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-03 14:38:23

Date of Next Testing: 2029-04-02 14:38:23

Product Name: **5-Nitro-1,10-phenanthroline**

CAS Number: 4199-88-6

Specifications & Purity: $\geq 98\%$

Lot #: D2501028

SKU #: **N119911**

Version: **0**

Analysis #: **297779**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98-100 (%)	99.62000 %
Melting point	200-203 (°C)	201.99000 °C
Purity(HPLC)	98-100 (%)	98.60500 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Yellow to Orange,Clear to Slightly Hazy,50 mg/mL	pass	Pass
Appearance (N119911)	Yellow to Yellow-Green to Brown Powder and/or Chunks	Yellow to Yellow-Green to Brown Powder and/or Chunks



John Su
QA & QC Manager