

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 11:20:43
Date of Next Testing: 2029-09-08 11:20:43
Product Name: **5-Nitro-1,10-phenanthroline**
CAS Number: 4199-88-6
Specifications & Purity: $\geq 98\%$
Lot #: K2119573
SKU #: **N119911**
Version: **0**
Analysis #: **568183**

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	98-100 (%)	98.95 %
Melting point	200-203 (°C)	200.10000 °C
Purity(HPLC)	98-100 (%)	98.10000 %
Appearance (N119911)	Yellow to yellow-green to brown solid	Yellow to yellow-green to brown solid
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



John Su
QA & QC Manager