

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-09 11:42:46
Date of Next Testing: 2026-11-08 11:42:46
Product Name: **5-Chloro-1,10-phenanthroline**
CAS Number: 4199-89-7
Specifications & Purity: 98%
Lot #: J2231108
SKU #: **C121528**
Analysis: **153092**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.11 %
Purity(HPLC)	98-100 (%)	99.02110 %
Melting point	123-126 (°C)	124.22000 °C
Appearance (C121528)	White to Yellow or Red Powder,crystals or Chunks	White to Yellow or Red Powder,crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager