

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-13 17:01:01
Date of Next Testing: 2029-01-12 17:01:01
Product Name: **1,10-Phenanthroline Monohydrate**
CAS Number: 5144-89-8
Specifications & Purity: ACS, ≥99%
Lot #: D2109236
SKU #: **P104935**
Version: **0**
Analysis #: **462133**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	13.9-14.3 (%)	13.90800 %
Carbon by Elemental Analysis	71.6-73.8 (%)	72.80800 %
Appearance (P104935)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Suitability as redox indicator	Passes test	Passes test
Testing for Use in the Determination of Iron	pass	Pass



John Su
QA & QC Manager