

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-27 09:12:43

Date of Next Testing: 2030-02-26 09:12:43

Product Name: **1,10-Phenanthroline monohydrochloride monohydrate**

CAS Number: 3829-86-5

Specifications & Purity: $\geq 98\%$

Lot #: B2625776

SKU #: **P109273**

Version: **1**

Analysis #: **653950**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-8.5 (%)	7.59080 %
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (P109273)	White or light yellow or light-pink crystalline powder	White or light yellow or light-pink crystalline powder
Solubility in H ₂ O	Almost transparency	almost transparency
Suitability for iron-analysis	pass test	pass test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager