

## Certificate of Analysis

Date of Testing: 2022-07-19 22:30:24

Date of Next Testing: 2026-07-18 22:30:24

Product Name: **1,10-Phenanthroline-5-amine**

CAS Number: 54258-41-2

Specifications & Purity:  $\geq 97\%$

Lot #: G2216425

SKU #: **P119921**

Version: **0**

Analysis #: **097205**

| Parameter            | Limit Values              | Result                    |
|----------------------|---------------------------|---------------------------|
| Purity(HPLC)         | 97-100 (%)                | 99.94800 %                |
| Appearance (P119921) | yellow powder or crystals | yellow powder or crystals |
| Infrared spectrum    | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum  | Conforms to Structure     | Conforms to Structure     |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager