

## Certificate of Analysis

Date of Testing: 2022-11-01 14:46:50  
Date of Next Testing: 2026-10-31 14:46:50  
Product Name: **1,10-Phenanthroline-2-carbonitrile**  
CAS Number: 1082-19-5  
Specifications & Purity: 97%  
Lot #: J2221517  
SKU #: **P414596**  
**Analysis: 115407**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.17000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Mass spectrum	Conforms to standard	Conforms to standard



John Su  
QA & QC Manager