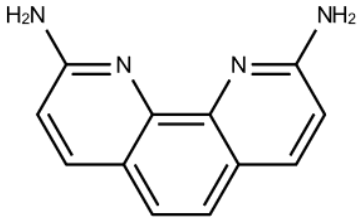


# Certificate of Analysis

## Compound Information

Name	1,10-Phenanthroline-2,9-diamine	
CAS Number	38182-65-9	
Catalog Number	A200073446	
Molecular Formula	C12H10N4	
Molecular Weight	210.24	

## Batch Information

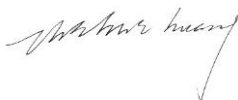
Batch Number	AP0053922081801		
Production Date	Aug. 18 <sup>th</sup> , 2022	Recommended Retest Date	Aug. 18 <sup>th</sup> , 2024

## QC Summary

Items	Specification	Result
Appearance	White to yellow solid	Yellow solid
HPLC	≥ 95%	97.90%
NMR spectrum	Conforms to structure	



Issued by QC Supervisor



Approved by QC Manager

Sept. 2<sup>nd</sup>, 2022

Release Date