

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-15 19:04:53  
 Date of Next Testing: 2029-05-14 19:04:53  
 Product Name: **1,10-Phenanthroline-4-ol**  
 CAS Number: 23443-31-4  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: E2609494  
 SKU #: **P708846**  
 Version: **1**  
 Analysis #: **639881**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                | Limit Values                       | Result                             |
|--------------------------|------------------------------------|------------------------------------|
| Purity(HPLC area)        | 97-100 (%)                         | 98.95400 %                         |
| Appearance(P708846)      | Brown to dark brown power or solid | Brown to dark brown power or solid |
| NMR Spectrum 1H          | Conforms to Structure              | Conforms to Structure              |
| LC-MS for identification | Conforms                           | Conforms                           |



John Su  
QA & QC Manager