

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-18 14:55:36

Date of Next Testing: 2028-03-17 14:55:36

Product Name: **2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline(BCP)**

CAS Number: 4733-39-5

Specifications & Purity: sublimed grade, ≥99.8% metals basis

Lot #: C2412140

SKU # **B293611**

Version **1**

Analysis #: **333149**

Storage Temperature: Room temperature, Argon charged

| Parameter                                         | Limit Values              | Result                    |
|---------------------------------------------------|---------------------------|---------------------------|
| Melting point                                     | 279-283 (°C)              | 282.36000 °C              |
| Purity(Based on Trace Metals Impurities of ICP)   | 99.8-100 (%)              | 99.96870 %                |
| total metallic impurities(by ICP Atomic emission) | 0-2000 (ppm)              | 312.40830 ppm             |
| Appearance (B293611)                              | Yellow Powder or Crystals | yellow powder or crystals |
| Proton NMR spectrum                               | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager