

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-11 09:18:34

Date of Next Testing: 2028-01-10 09:18:34

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 #: A2409195

SKU # **B293611**

Version **1**

Analysis #: **313161**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	279-283 (°C)	282.85000 °C
Purity(Based on Trace Metals Impurities of ICP)	99.8-100 (%)	99.91230 %
total metallic impurities(by ICP Atomic emission)	0-2000 (ppm)	876.19110 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