

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 11:24:09
 Date of Next Testing: 2027-09-18 11:24:09
 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 #: I2306271
 SKU # **B293611**
 Version **1**
 Analysis #: **277656**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	279-283 (°C)	280.97000 °C
Purity(Based on Trace Metals Impurities of ICP)	99.8-100 (%)	99.98280 %
total metallic impurities(by ICP Atomic emission)	0-2000 (ppm)	171.36300 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