

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-09 15:13:11
 Date of Next Testing: 2028-07-08 15:13:11
 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 #: G2403222
 SKU #: **B293611**
 Version: **1**
 Analysis #: **384759**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	279-283 (°C)	282.81000 °C
Purity(Based on Trace Metals Impurities of ICP)	99.8-100 (%)	99.92250 %
total metallic impurities(by ICP Atomic emission)	0-2000 (ppm)	774.76130 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