

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-20 11:20:14

Date of Next Testing: 2027-07-19 11:20:14

Product Name: **4,7-Dimethyl-1,10-phenanthroline**

CAS Number: 3248-05-3

Specifications & Purity: 98%

Lot #: G2312102

SKU #: **D119916**

Analysis: **104788**

| Parameter            | Limit Values                                      | Result                                            |
|----------------------|---------------------------------------------------|---------------------------------------------------|
| Melting point        | 190-196 (°C)                                      | 191.28000 °C                                      |
| Purity(HPLC)         | 98-100 (%)                                        | 98.01000 %                                        |
| Appearance (D119916) | White to Yellow or Light Brown Crystals or Powder | White to Yellow or Light Brown Crystals or Powder |
| Infrared spectrum    | Conforms to Structure                             | Conforms to Structure                             |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager