

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-06-04 15:09:08

Date of Next Testing: 2028-06-03 15:09:08

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

CAS Number: 3248-05-3

Specifications & Purity: 98%

Lot #: E2528044

SKU #: **S45939**

Version: **0**

Analysis #: **520549**

Storage Temperature: Room temperature

| Parameter          | Limit Values                                      | Result                                            |
|--------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(HPLC)       | 98-100 (%)                                        | 98.68700 %                                        |
| Melting point      | 190-196 (°C)                                      | 191.82000 °C                                      |
| Infrared spectrum  | Conforms to Structure                             | Conforms to Structure                             |
| Appearance(S45939) | White to Yellow or Light Brown Crystals or Powder | White to Yellow or Light Brown Crystals or Powder |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

