

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-08 14:34:31  
 Date of Next Testing: 2029-11-07 14:34:31  
 Product Name: **2,2':6',2''-Terpyridine**  
 CAS Number: 1148-79-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: K2507005  
 SKU #: **T100693**  
 Version: **0**  
 Analysis #: **096467**  
 Storage Temperature: Room temperature

| Parameter                   | Limit Values                                                                                                       | Result                                                                                                             |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Purity(NonaqueousTitration) | 97.5-102.5 (%)                                                                                                     | 99.50000 %                                                                                                         |
| Purity(GC)                  | 98-100 (%)                                                                                                         | 98.86000 %                                                                                                         |
| Melting point               | 91-95 (°C)                                                                                                         | 92.49000 °C                                                                                                        |
| Infrared spectrum           | Conforms to Structure                                                                                              | Conforms to Structure                                                                                              |
| Appearance (T100693)        | Light Yellow to Yellow and Light Green-Yellow to Green-Yellow and Yellow-Green and Yellow-Brown Powder or Crystals | Light Yellow to Yellow and Light Green-Yellow to Green-Yellow and Yellow-Green and Yellow-Brown Powder or Crystals |



John Su  
QA & QC Manager