

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-15 14:25:08

Date of Next Testing: 2024-11-04 14:25:08

Product Name: **1,2-Di(4-pyridyl)ethylene**

CAS Number: 13362-78-2

Specifications & Purity:  $\geq 98\%$

Lot #: A2119309

SKU #: **D106372**

Version: **0**

Analysis #: **155549**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                        | Result                                              |
|-----------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Melting point                           | 149-153 (°C)                                        | 150.30000 °C                                        |
| Purity(HPLC)                            | 98-100 (%)                                          | 98.21500 %                                          |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                      | 98.30000 %                                          |
| Appearance (D106372)                    | White to Yellow and Beige Powder, Crystal or chunks | White to Yellow and Beige Powder, Crystal or chunks |
| Infrared spectrum                       | Conforms to Structure                               | Conforms to Structure                               |
| Proton NMR spectrum                     | Conforms to Structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager