

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-05-15 11:28:26

Date of Next Testing: 2025-05-04 11:28:26

Product Name: **4-Dimethylaminopyridine**

CAS Number: 1122-58-3

Specifications & Purity:  $\geq 99\%$

Lot #: E2308551

SKU #: **D109207**

Version: **2**

**Analysis #:** **208498**

Storage Temperature: Room temperature

| Parameter                                                                            | Limit Values                                       | Result                                             |
|--------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> )                                              | 99-101 (%)                                         | 99.60000 %                                         |
| Purity(HPLC)                                                                         | 99-100 (%)                                         | 99.66600 %                                         |
| Melting point                                                                        | 110-114 (°C)                                       | 113.65000 °C                                       |
| Appearance (D109207)                                                                 | white to off-white powder, granules, chips, chunks | white to off-white powder, granules, chips, chunks |
| Solubility in H <sub>2</sub> O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml) | pass                                               | Pass                                               |
| Infrared spectrum                                                                    | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager