

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-18 16:28:28  
 Date of Next Testing: 2027-11-08 16:28:28  
 Product Name: **4-Dimethylaminopyridine**  
 CAS Number: 1122-58-3  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: K2517434  
 SKU #: **D109207**  
 Version: **2**  
 Analysis #: **607664**

| Parameter                                                                            | Limit Values                                          | Result                                                |
|--------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Melting point                                                                        | 110-114 (°C)                                          | 113.22000 °C                                          |
| Purity(HPLC)                                                                         | 99-100 (%)                                            | 99.91900 %                                            |
| Appearance (D109207)                                                                 | white to off-white powder,<br>granules, chips, chunks | white to off-white powder,<br>granules, chips, chunks |
| Solubility in H <sub>2</sub> O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml | pass                                                  | Pass                                                  |
| Proton NMR spectrum                                                                  | Conforms to Structure                                 | Conforms to Structure                                 |



John Su  
QA & QC Manager