

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-31 19:13:41

Date of Next Testing: 2026-10-30 19:13:41

Product Name: **4-Pyrrolidinopyridine**

CAS Number: 2456-81-7

Specifications & Purity:  $\geq 98\%$

Lot #: J2228510

SKU #: **P121075**

Version: **1**

Analysis #: **141354**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                  | Result                                        |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(GC)                              | 98-100 (%)                                    | 99.18200 %                                    |
| Melting point                           | 56-61 (°C)                                    | 57.24000 °C                                   |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                | 98.60000 %                                    |
| Appearance (P121075)                    | Off-White to Yellow to Tan Crsytals or Chunks | Off-White to Yellow to Tan Crsytals or Chunks |
| Proton NMR spectrum                     | Conforms to Structure                         | Conforms to Structure                         |



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