

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-26 09:57:40  
 Date of Next Testing: 2027-12-25 09:57:40  
 Product Name: **5-Amino-2-pyridinecarbonitrile**  
 CAS Number: 55338-73-3  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: L2319495  
 SKU #: **A123440**  
 Version: **0**  
 Analysis #: **300228**  
 Storage Temperature: Room temperature

| Parameter                               | Limit Values                                 | Result                                       |
|-----------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC)                            | 96-100 (%)                                   | 99.69100 %                                   |
| Nitrogen by Elemental Analysis          | 33.7-36.9 (%)                                | 34.82000 %                                   |
| Purity(Titration by HClO <sub>4</sub> ) | 95.5-104.5 (%)                               | 102.58000 %                                  |
| Carbon by Elemental Analysis            | 57.8-63.2 (%)                                | 59.60000 %                                   |
| Appearance (A123440)                    | White to brown powder,crystals and/or chunks | White to brown powder,crystals and/or chunks |
| Infrared spectrum                       | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager