

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-10 15:58:56  
Date of Next Testing: 2026-03-09 15:58:56  
Product Name: **Pyridine**  
CAS Number: 110-86-1  
Specifications & Purity:  $\geq 99.5\%$   
Lot #: B2324905  
SKU #: **P111511**  
**Analysis:** **194357**  
Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                  | Limit Values     | Result           |
|--|------------------|------------------|
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )    | 0-0.001 (%)      | 0.00000 %        |
| Evaporation Residue                        | 0-0.002 (%)      | 0.00000 %        |
| Water by Karl Fischer                      | 0-0.1 (%)        | 0.00650 %        |
| Purity(GC)                                 | 99.5-100 (%)     | 99.70000 %       |
| Chloride (Cl <sup>-</sup> )                | 0-0.0005 (%)     | 0.00000 %        |
| Ammonia (NH <sub>3</sub> )                 | 0-0.002 (%)      | 0.00000 %        |
| Refractive index n <sub>20</sub> /D        | 1.508-1.512      | 1.51010          |
| Appearance (P111511)                       | Colorless Liquid | Colorless liquid |
| Copper(Cu)                                 | Pass             | Pass             |
| Miscibility with water                     | Pass             | Pass             |
| Potassium permanganate reducing substances | Pass             | Pass             |



John Su  
QA & QC Manager