

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-12 14:10:45  
 Date of Next Testing: 2026-12-11 14:10:45  
 Product Name: **5-Ethyl-2-picoline**  
 CAS Number: 104-90-5  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C2111202  
 SKU #: **E101695**  
 Version: **0**  
 Analysis #: **303475**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Water by Karl Fischer               | 0-0.1 (%)                        | 0.03000 %                        |
| Refractive index n <sub>20</sub> /D | 1.497-1.499                      | 1.49820                          |
| Density (20°C)                      | 0.92-0.922                       | 0.92100                          |
| Purity(GC)                          | 97-100 (%)                       | 97.00200 %                       |
| Appearance (E101695)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager