

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-13 11:11:08

Date of Next Testing: 2029-10-12 11:11:08

Product Name: **4-Piperidineethanol**

CAS Number: 622-26-4

Specifications & Purity:  $\geq 97\%$

Lot #: L2125173

SKU #: **P121582**

Version: **0**

Analysis #: **586310**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                                 | Result                                       |
|-----------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(GC)                              | 97-100 (%)                                   | 98.21 %                                      |
| Purity(Titration by HClO <sub>4</sub> ) | 96.5-103.5 (%)                               | 98.60 %                                      |
| Melting point                           | 48-52 (°C)                                   | 51.90000 °C                                  |
| Appearance (P121582)                    | Colorless or White to Yellow Solid or Liquid | Colorless or White to Yellow Solid or Liquid |
| Infrared spectrum                       | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum                     | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in MeOH                      | almost transparency                          | almost transparency                          |



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QA & QC Manager