

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-29 14:04:13

Date of Next Testing: 2027-07-28 14:04:13

Product Name: **4-Phenylpyridine**

CAS Number: 939-23-1

Specifications & Purity: 97%

Lot #: G23181143

SKU #: **P117997****Analysis:** **244667**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---------------------------------|---------------------------------|
| Purity(GC) | 97-100 (%) | 99.36 % |
| Purity(Titration by HClO ₄) | 96.5-103.5 (%) | 101.85 % |
| Melting point | 74-77 (°C) | 76.91000 °C |
| Appearance (P117997) | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Solubility in MeOH | almost transparency | almost transparency |
| NMR Spectrum 1H | Conforms to structure | Conforms to Structure |

John Su
QA & QC Manager