

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-29 13:47:42

Date of Next Testing: 2027-07-28 13:47:42

Product Name: **4-Phenylpyridine**

CAS Number: 939-23-1

Specifications &amp; Purity: 97%

Lot #: G23181146

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

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.36 %
Purity(Titration by HClO <sub>4</sub> )	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