

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-07 18:55:14  
Date of Next Testing: 2029-11-06 18:55:14  
Product Name: **1-(4-Pyridyl)piperazine**  
CAS Number: 1008-91-9  
Specifications & Purity:  $\geq 97\%$   
Lot #: J2531453  
SKU #: **P113741**  
Version: **0**  
Analysis #: **594354**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.25 %
Melting point	137-142 (°C)	137.57000 °C
Purity(HPLC)	97-100 (%)	99.65500 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager