

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-04 16:50:16

Date of Next Testing: 2028-03-03 16:50:16

Product Name: **1-(4-Pyridyl)piperazine**

CAS Number: 1008-91-9

Specifications & Purity: 97%

Lot #: B2429439

SKU #: **P113741**

Analysis: **326147**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.28 %
Melting point	137-142 (°C)	139.80000 °C
Purity(HPLC)	97-100 (%)	99.99000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager