

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-28 11:52:05  
Date of Next Testing: 2028-11-27 11:52:05  
Product Name: **1-(4-Chlorophenyl)piperazine**  
CAS Number: 38212-33-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2525111  
SKU #: **C170042**  
Version: **0**  
Analysis #: **614476**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	76-80 (°C)	78.80000 °C
Purity(HPLC)	98-100 (%)	99.53130 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager