

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-07 14:29:32

Date of Next Testing: 2025-03-06 14:29:32

Product Name: **1-(3-Chloropropyl)-4-methylpiperazine**

CAS Number: 104-16-5

Specifications & Purity: 95%

Lot #: B2226419

SKU #: **C178996**

Analysis: **066176**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	95-100%	98.69 %
Total Nitrogen	95-102.5%	98.19 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager