

Certificate of Analysis

Date of Testing: 2024-08-21 16:45:39

Date of Next Testing: 2027-08-21 16:45:39

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

CAS Number: 104-16-5

Specifications & Purity: 95%

Lot #: K2112378

SKU #: **C178996**

Version: **1**

Analysis #: **402408**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.30 %
Total Nitrogen	95-102.5 (%)	101.00 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager