

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-23 15:16:06

Date of Next Testing: 2025-11-22 15:16:06

Product Name: **1-[3-(Dimethylamino)propyl]piperazine**

CAS Number: 877-96-3

Specifications & Purity: $\geq 97\%$

Lot #: K2217854

SKU #: **D344388**

Version: **1**

Analysis #: **120675**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.30700 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager