

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-15 11:41:48

Date of Next Testing: 2027-03-14 11:41:48

Product Name: **1,3,3-Trimethyl-piperazine**

CAS Number: 741288-57-3

Specifications & Purity: $\geq 97\%$

Lot #: C23081129

SKU #: **T406850**

Version: **1**

Analysis #: **158765**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.47 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager