

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 18:08:08

Date of Next Testing: 2028-03-11 18:08:08

Product Name: **2,2-Dimethylpiperazine**

CAS Number: 84477-72-5

Specifications & Purity: $\geq 97\%$

Lot #: C2511764

SKU #: **D186860**

Version: **1**

Analysis #: **415061**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.31 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(D186860)	Colorless or White to off-white to Pale Yellow Solid or liquid	Colorless or White to off-white to Pale Yellow Solid or liquid
GC-MS for identification	Conforms	Conforms

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

John Su
QA & QC Manager