

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-19 15:01:23

Date of Next Testing: 2027-12-18 15:01:23

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

CAS Number: 5317-33-9

Specifications & Purity: 98%

Lot #: C2006042

SKU # **M170823**

Analysis: **306217**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.30 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager