

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 15:31:29

Date of Next Testing: 2025-06-06 15:31:29

Product Name: **Ethyl 1-piperazineacetate**

CAS Number: 40004-08-8

Specifications & Purity: $\geq 95\%$

Lot #: J1930158

SKU #: **N137591**

Version: **0**

Analysis #: **236830**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	99.36200 %
Appearance (N137591)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager