

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-20 13:35:42

Date of Next Testing: 2026-06-19 13:35:42

Product Name: **1-(propanoyl)-piperazine**

CAS Number: 76816-54-1

Specifications & Purity: $\geq 98\%$

Lot #: F2310553

SKU #: **P332097**

Version: **1**

Analysis #: **219982**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.70300 %
Appearance(P332097)	colorless to light yellow liquid	Colorless to light yellow liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager