

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-26 15:58:37

Date of Next Testing: 2027-04-25 15:58:37

Product Name: **1-(2-Methoxyethyl)piperazine**

CAS Number: 13484-40-7

Specifications & Purity: 98%

Lot #: D2319545

SKU # **M119143**

Analysis: 216893

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.19 %
Density (20°C)	0.971-0.975	0.97
Purity(NonaqueousTitration)	98-100 (%)	98.37 %
Refractive index n ₂₀ /D	1.47-1.474	1.47
Appearance (M119143)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager