

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-12 14:10:59

Date of Next Testing: 2027-06-12 14:10:59

Product Name: **1-(3-Methoxyphenyl)piperazine**

CAS Number: 16015-71-7

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: L2102422

SKU #: **M132408**

Version **0**

Analysis #: **522785**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.54 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.52 %
Refractive index n _{20/D}	1.583-1.587	1.58
Density (20°C)	1.113-1.117	1.11
Appearance (M132408)	colorless to gold liquid	colorless to gold 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