

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-27 16:04:38
Date of Next Testing: 2025-04-26 16:04:38
Product Name: **1-(4-Methylphenyl)piperazine**
CAS Number: 39593-08-3
Specifications & Purity: $\geq 98.0\%$
Lot #: D2321291
SKU #: **W135829**
Analysis: **199815**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.81 %
Purity(Neutralization titration)	98-100 (%)	99.36 %
Appearance (W135829)	White to yellow low-melting solid	White to yellow low-melting solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager