

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-15 10:28:00
Date of Next Testing: 2026-07-14 10:28:00
Product Name: **1-Methylpiperazine**
CAS Number: 109-01-3
Specifications & Purity: $\geq 99\%$
Lot #: G2201458
SKU #: **M108683**
Version: **0**
Analysis #: **115759**
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.81100 %
Water by Karl Fischer	0-1 (%)	0.13410 %
Density (20°C)	0.901-0.907	0.90600
Refractive index n ₂₀ /D	1.464-1.467	1.46580
Appearance (M108683)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager