

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-25 17:41:20
 Date of Next Testing: 2026-10-24 17:41:20
 Product Name: **1-Methylpiperazine**
 CAS Number: 109-01-3
 Specifications & Purity: $\geq 99\%$
 Lot #: J2222388
 SKU #: **M108683**
 Version: **0**
 Analysis #: **149538**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.37800 %
Water by Karl Fischer	0-1 (%)	0.10190 %
Density (20°C)	0.901-0.907	0.90300
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