

Certificate of Analysis

Date of Testing: 2022-07-16 15:10:30
Date of Next Testing: 2026-07-15 15:10:30
Product Name: **1-Methylpiperazine**
CAS Number: 109-01-3
Specifications & Purity: 99%
Lot #: G2201457
SKU #: **M108683**
Analysis: **115759**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.81%
Water by Karl Fischer	0-1 (%)	0.13%
Density (20°C)	0.901-0.907	0.91
Refractive index n ₂₀ /D	1.464-1.467	1.47
Appearance (M108683)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager