

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-26 14:00:14
 Date of Next Testing: 2029-06-25 14:00:14
 Product Name: **1-Ethylpiperazine**
 CAS Number: 5308-25-8
 Specifications & Purity: $\geq 98\%$
 Lot #: F2510733
 SKU #: **E103219**
 Version: **0**
 Analysis #: **516474**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.81400 %
Density (20°C)	0.9-0.903	0.90120
Refractive index n ₂₀ /D	1.467-1.47	1.46920
Water by Karl Fischer	0-2 (%)	0.31860 %
Appearance (E103219)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager