

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-04 11:21:06
Date of Next Testing: 2028-11-03 11:21:06
Product Name: **1-Ethylpiperazine**
CAS Number: 5308-25-8
Specifications & Purity: $\geq 98\%$
Lot #: J2425689
SKU #: **E103219**
Version: **0**
Analysis #: **377198**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.91000 %
Density (20°C)	0.9-0.903	0.90060
Refractive index n ₂₀ /D	1.467-1.47	1.46880
Water by Karl Fischer	0-2 (%)	1.20000 %
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