

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 14:46:45

Date of Next Testing: 2029-03-11 14:46:45

Product Name: **1-Phenylpiperazine**

CAS Number: 92-54-6

Specifications & Purity: $\geq 97\%$

Lot #: E2128436

SKU #: **P101918**

Version: **0**

Analysis #: **478930**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.068-1.072	1.07000
Refractive index n _{20/D}	1.588-1.59	1.58800
Purity(GC)	97-100 (%)	98.70000 %
Appearance (P101918)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager