

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-16 17:08:41

Date of Next Testing: 2027-01-15 17:08:41

Product Name: **1-Phenylpiperazine**

CAS Number: 92-54-6

Specifications & Purity: $\geq 97\%$

Lot #: A2306753

SKU #: **P101918**

Version: **0**

Analysis #: **159881**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.068-1.072	1.07100
Refractive index n _{20/D}	1.588-1.59	1.58850
Purity(GC)	97-100 (%)	97.12100 %
Appearance (P101918)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager