

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 09:27:06  
Date of Next Testing: 2027-05-14 09:27:06  
Product Name: **1-Phenylpiperidine**  
CAS Number: 4096-20-2  
Specifications & Purity:  $\geq 98\%$ (GC)  
Lot #: D2325129  
SKU #: **P160168**  
Version: **1**  
Analysis #: **018439**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.56-1.564	1.56
Purity(GC)	98-100 (%)	98.61 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (P160168)	Colorless to Light yellow to Light orange clear liquid	Colorless to Light yellow to Light orange clear liquid



John Su  
QA & QC Manager