

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-04-05 20:50:22
Date of Next Testing:	2025-04-04 20:50:22
Product Name:	<b>(R)-(-)-1-Benzyl-3-hydroxypiperidine</b>
CAS Number:	91599-81-4
Specifications & Purity:	≥97%
Lot #:	C23311054
SKU #	<b>R139437</b>
<b>Analysis:</b>	<b>176956</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.17 %
Refractive index n <sub>20</sub> /D	1.546-1.55	1.55
Density (20°C)	1.059-1.063	1.06
Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)	-13--10 (°)	-12.21 °
Appearance (R139437)	yellow to orange liquid	yellow to orange liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager