

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-11 15:23:53  
Date of Next Testing: 2026-06-11 15:23:53  
Product Name: **(S)-(-)- $\alpha,\alpha$ -Diphenyl-2-pyrrolidinemethanol trimethylsilyl ether**  
CAS Number: 848821-58-9  
Specifications & Purity: 95%  
Lot #: I2201760  
SKU #: **I135692**  
Version: **0**  
Analysis #: **365985**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.50000 %
Specific Rotation [a] <sub>D</sub> <sup>22</sup> (c=1 in CHCL <sub>3</sub> )	-55--45 (°)	-54.96 °
Appearance (I135692)	Colorless to Yellow to Tan Solid or Liquid	Colorless to Yellow to Tan Solid or Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager