

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-21 14:04:07  
Date of Next Testing: 2026-05-21 14:04:07  
Product Name: **(S)-(-)- $\alpha,\alpha$ -Diphenyl-2-pyrrolidinemethanol trimethylsilyl ether**  
CAS Number: 848821-58-9  
Specifications & Purity: 95%  
Lot #: D2423271  
SKU #: **I135692**  
Version: **0**  
Analysis #: **336226**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [ $\alpha$ ] <sub>D</sub> <sup>22</sup> (c=1 in CHCl <sub>3</sub> )	-55--45 (°)	-48.21°
Purity(HPLC)	95-100 (%)	98.00000 %
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