

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-28 16:50:10  
Date of Next Testing: 2025-10-27 16:50:10  
Product Name: **(S)- $\alpha,\alpha$ -Bis[3,5-bis(trifluoromethyl)phenyl]-2-pyrrolidinemethanol**  
CAS Number: 848821-76-1  
Specifications & Purity: 98%  
Lot #: J2221297  
SKU #: **B341796**  
**Analysis: 121243**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values                            | Result                                  |
|---|---|---|
| Melting point   | 110-124 (°C)                            | 116.22000 °C                            |
| Specific Rotation [a] <sub>D</sub> 20/D(c=1 in CHCL <sub>3</sub> )-65--46 (°) |   | -60.28 °                                |
| Purity(HPLC area)   | 98-100 (%)                              | 99.62 %                                 |
| Appearance(B341796)   | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| NMR Spectrum 1H   | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager