

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-30 11:49:29  
Date of Next Testing: 2026-05-29 11:49:29  
Product Name: **(S)-VAPOL**  
CAS Number: 147702-15-6  
Specifications & Purity: 98%  
Lot #: E2318573  
SKU #: **S299921**  
**Analysis:** **206699**  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.00 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in THF)	122-128 (°)	122.10°
Appearance(S299921)	white to pale yellow powder	White to pale yellow powder
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager