

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-09 17:23:57  
Date of Next Testing: 2029-01-08 17:23:57  
Product Name: **4,4,5,5-Tetramethyl-1,3,2-dioxaborolane**  
CAS Number: 25015-63-8  
Specifications & Purity:  $\geq 97\%$   
Lot #: A2506190  
SKU #: **T113748**  
Version: **1**  
Analysis #: **344025**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C)                      | 0.884-0.888           | 0.89                  |
| Refractive index n <sub>20</sub> /D | 1.394-1.398           | 1.40                  |
| Purity(GC)                          | 97-100 (%)            | 97.00 %               |
| Purity (Titration by NaOH)          | 96.5-103.5 (%)        | 97.54 %               |
| Appearance (T113748)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager