

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-05 16:25:50  
Date of Next Testing: 2029-07-04 16:25:50  
Product Name: **3,3',5,5'-Tetramethylbenzidine**  
CAS Number: 54827-17-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2502392  
SKU #: **T100415**  
Version: **0**  
Analysis #: **537265**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter  | Limit Values           | Result                 |
|--|------------------------|------------------------|
| Melting point  | 167-172 (°C)           | 169.80000 °C           |
| Purity(HPLC)   | 98-100 (%)             | 99.95000 %             |
| Appearance (T100415)   | White to Yellow Powder | White to Yellow Powder |
| Infrared spectrum  | Conforms to Structure  | Conforms to Structure  |
| Solubility in Ethyl Acetate , Faint Yellow to Dark Yellow, Clear to Hazy, 5% | pass                   | Pass                   |



John Su  
QA & QC Manager