

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-29 09:13:44  
Date of Next Testing: 2026-11-29 09:13:44  
Product Name: **3,3',5,5'-Tetramethylbenzidine**  
CAS Number: 54827-17-7  
Specifications & Purity: Standard for GC, ≥99%(GC)  
Lot #: K2428332  
SKU #: **T100417**  
Version: **0**  
Analysis #: **441890**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter            | Limit Values                | Result                      |
|----------------------|-----------------------------|-----------------------------|
| Melting point        | 167-171 (°C)                | 170.38000 °C                |
| Purity(GC)           | 99-100 (%)                  | 99.39100 %                  |
| Appearance (T100417) | White to Light Beige Powder | White to Light Beige Powder |
| Infrared spectrum    | Conforms to Structure       | Conforms to Structure       |
| Peroxidase detection | Pass                        | Pass                        |



John Su  
QA & QC Manager