

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-17 16:43:23
Date of Next Testing: 2028-05-16 16:43:23
Product Name: **3,3',5,5'-Tetramethylbenzidine**
CAS Number: 54827-17-7
Specifications & Purity: $\geq 99\%$ (HPLC)
Lot #: E2415283
SKU #: **T100416**
Version: **0**
Analysis #: **354152**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Melting point | 167-171 (°C) | 170.48000 °C |
| Purity(HPLC) | 99-100 (%) | 99.81500 % |
| Carbon by Elemental Analysis | 79.2-80.7 (%) | 79.30 % |
| Appearance (T100416) | White to Yellow to Beige Powder or Crystals | White to Yellow to Beige Powder or Crystals |
| Solubility in Ethyl Acetate , Faint Yellow to Dark Yellow, Clear to Hazy, 5% | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager