

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-17 17:41:26  
Date of Next Testing: 2028-05-16 17:41:26  
Product Name: **3,3',5,5'-Tetramethylbenzidine**  
CAS Number: 54827-17-7  
Specifications & Purity:  $\geq 99\%$ (HPLC)  
Lot #: E2415326  
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