

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-20 11:01:31
 Date of Next Testing: 2029-02-19 11:01:31
 Product Name: **3,3',5,5'-Tetramethylbenzidine (TMB)**
 CAS Number: 54827-17-7
 Specifications & Purity: $\geq 99\%$ (HPLC)
 Lot #: B2514375
 SKU #: **T100416**
 Version: **0**
 Analysis #: **455731**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	167-171 (°C)	170.17000 °C
Purity(HPLC)	99-100 (%)	99.56100 %
Carbon by Elemental Analysis	79.2-80.7 (%)	79.28200 %
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