

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-26 12:06:17

Date of Next Testing: 2028-11-25 12:06:17

Product Name: **3,3',5,5'-Tetramethylbenzidine (TMB)**

CAS Number: 54827-17-7

Specifications & Purity: $\geq 99\%$ (HPLC)

Lot #: K2425464

SKU # **T100416**

Version **0**

Analysis #: **435784**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	167-171 (°C)	170.38000 °C
Purity(HPLC)	99-100 (%)	99.39100 %
Carbon by Elemental Analysis	79.2-80.7 (%)	80.05200 %
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