

Certificate of Analysis

Date of Testing: 2025-02-20 10:34:42

Date of Next Testing: 2029-02-19 10:34:42

Product Name: **3,3',5,5'-Tetramethylbenzidine**

CAS Number: 54827-17-7

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

Lot #: B2514360

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 (%)	79.28 %
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



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