

Certificate of Analysis

Date of Testing: 2023-10-27 13:09:54
Date of Next Testing: 2027-10-26 13:09:54
Product Name: **3,3',5,5'-Tetramethylbenzidine**
CAS Number: 54827-17-7
Specifications & Purity: $\geq 99\%$ (HPLC)
Lot #: J2325731
SKU #: **T100416**
Analysis: **285237**
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Melting point | 167-171 (°C) | 170.61000 °C |
| Purity(HPLC) | 99-100 (%) | 99.57500% |
| Carbon by Elemental Analysis | 79.2-80.7 (%) | 79.69% |
| 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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