

Certificate of Analysis

Date of Testing: 2022-09-21 18:46:30
Date of Next Testing: 2026-09-20 18:46:30
Product Name: **N-(3-Sulfopropyl)-3,3',5,5'-tetramethylbenzidine sodium salt**
CAS Number: 102062-46-4
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: L1804181
SKU #: **T113053**
Analysis: **138342**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.34800%
Melting point	220-251 (°C)	238.68000 °C
Molar Absorptivity (λ_{\max} 213nm)	≥ 43000	43200.23
Moisture content	0-6 (%)	4.58%
Appearance (T113053)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,50mg/10mlwater	pass	Pass



John Su
QA & QC Manager