

Certificate of Analysis

Date of Testing: 2024-12-10 19:04:21

Date of Next Testing: 2028-12-09 19:04:21

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

CAS Number: 64285-73-0

Specifications & Purity: anhydrous, ≥98%

Lot #: L2405053

SKU #: **T105329**

Version: **0**

Analysis #: **212713**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87000 %
Water by Karl Fischer	0-1 (%)	0.81 %
Purity(Titration by AgNO ₃)	98-100 (%)	99.19 %
Appearance (T105329)	white to light brown powder or crystals	white to light brown powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in AcOH/H ₂ O (1/2)	Clear to slightly hazy yellow to green, at 20mg/ml	Clear to slightly hazy yellow to green, at 20mg/ml



John Su
QA & QC Manager