

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-29 17:58:14
Date of Next Testing: 2029-08-28 17:58:14
Product Name: **3,3',5,5'-Tetramethylbenzidine dihydrochloride**
CAS Number: 64285-73-0
Specifications & Purity: anhydrous, ≥98%
Lot #: H2528595
SKU #: **T105329**
Version: **0**
Analysis #: **565713**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.96100%
Water by Karl Fischer	0-1 (%)	0.21%
Purity(Titration by AgNO ₃)	98-100 (%)	98.65%
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