

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-05 14:56:25  
Date of Next Testing: 2023-03-05 14:56:25  
Product Name: **5(6)-Tetramethylrhodamine isothiocyanate**  
CAS Number: 95197-95-8  
Specifications & Purity: suitable for fluorescence, mixture of isomers  
Lot #: B2224639  
SKU #: **T131567**  
**Analysis:** **071768**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(mixture of isomers)(HPLC)	95-100 (%)	98.20%
Wavelength(UV)(0.1M NaOH)	542-552 (nm)	545.00 nm
Appearance (T131567)	Purple to Pink Powder or Crystals	Purple to Pink Powder or Crystals
Fluorescence, $\lambda_{ex}$ 529 nm, $\lambda_{em}$ 596 nm in DMSO	Conforms	Conforms
LC-MS Test	Pass	Pass



John Su  
QA & QC Manager