

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-21 09:44:54  
Date of Next Testing: 2024-12-20 09:44:54  
Product Name: **5(6)-Tetramethylrhodamine isothiocyanate**  
CAS Number: 95197-95-8  
Specifications & Purity: suitable for fluorescence, mixture of isomers  
Lot #: A2115109  
SKU #: **T131567**  
**Analysis:** **307072**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(mixture of isomers)(HPLC)	95-100 (%)	97.02%
Wavelength(UV)(0.1M NaOH)	542-552 (nm)	544.82 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