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# Certificate of Analysis

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|---|---|
| Date of Testing: | 2025-08-12 11:00:45 |
| Date of Next Testing: | 2026-08-12 11:00:45 |
| Product Name: | **5(6)-Tetramethylrhodamine isothiocyanate** |
| CAS Number: | 95197-95-8 |
| Specifications & Purity: | for fluorescence analysis, Ex:552nm, Em:578nm, mixture of isomers |
| Lot #: | A2307050 |
| SKU # | **T131567** |
| Version | **0** |
| **Analysis #:** | **554213** |
| Storage Temperature: | Store at -20°C,Argon charged |

| **Parameter** | **Limit Values** | **Result** |
|---|---|---|
| Purity(mixture of isomers)(HPLC) | 95-100（%） | 98.44200 % |
| Wavelength(UV)(0.1M NaOH) | 542-552（nm） | 543.00000 nm |
| Appearance（T131567) | Purple to Pink Powder or Crystals | Purple to Pink Powder or Crystals |
| Fluorescence,λex 529 nm, λem 596 nm in DMSO | Conforms | Conforms |
| LC-MS Test | Pass | Pass |

John Su
QA & QC Manager

上海阿拉丁生化科技股份有限公司
质检专用章
(一)