

Certificate of Analysis

Date of Testing: 2022-08-23 11:37:44
Date of Next Testing: 2026-08-22 11:37:44
Product Name: **6-Carboxytetramethylrhodamine**
CAS Number: 91809-67-5
Specifications & Purity: for fluorescence, $\geq 90\%$
Lot #: H2212139
SKU #: **C115506**
Analysis: **120516**
Storage Temperature: Protected from light, Store at -20°C , Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	98.72000 %
Fluorescence	543-575 (nm)	568.00 nm
Suitability, (suitable for fluorescence)	Pass	Pass
Appearance (c115506)	Dark Red to Purple Powder or Crystals	Dark Red to Purple Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, DMSO: soluble	pass	Pass



John Su
QA & QC Manager