

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-11 09:32:34  
Date of Next Testing: 2024-06-10 09:32:34  
Product Name: **5(6)-Carboxytetramethylrhodamine**  
CAS Number: 98181-63-6  
Specifications & Purity:  $\geq 85\%$  (sum of isomers, HPCE), Used for fluorescence analysis  
Lot #: F2206226  
SKU #: **T131368**  
**Analysis:** **081362**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	85-100 (%)	99.54000 %
Emission maximum	567-577 (nm)	568.00 nm
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Remarks on Luminescence(in Methanol)	Exc: 543nm	Exc: 543nm
Appearance (T131368)	Dark Brown-violet to Green-grey to Red Powder or Crystal	Dark Brown-violet to Green-grey to Red Powder or Crystal



John Su  
QA & QC Manager