

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-24 13:49:44

Date of Next Testing: 2026-07-24 13:49:44

Product Name: **TMRE [Tetramethylrhodamine, ethyl ester, perchlorate]**

CAS Number: 115532-52-0

Specifications & Purity: for fluorescence analysis, ≥90%(HPCE)

Lot #: G2417311

SKU #: **T131055**

Version: **1**

Analysis #: **331402**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	90-100	98.37300
Emission Maximum(in DMSO)	590-600 (nm)	595.00000 nm
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T131055)	Green Metallic Solid	Green to Brown to Purple to Green-Brown to Red-Brown and Very Dark Red-Brown Powder or Crystals



John Su
QA & QC Manager