

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-01 10:52:06

Date of Next Testing: 2030-03-31 10:52:06

Product Name: **Safranine T**

CAS Number: 477-73-6

Specifications & Purity: AR, Dye content ≥85%

Lot #: C2630568

SKU #: **S104168**

Version: **2**

Analysis #: **672898**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	85-100 (%)	99.67200 %
λ UV Lambda max(50% EtOH and H2O)	530-534 (nm)	532.00000 nm
Absorption Ratio P-15/P+15	1.1-1.32	1.18873
Appearance (S104168)	dark green to Dark brown powder	dark green to Dark brown powder
Solubility in H2O , Dark Red SolutionC=(1 mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager