

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-14 15:21:26  
Date of Next Testing: 2029-06-13 15:21:26  
Product Name: **Safranine T**  
CAS Number: 477-73-6  
Specifications & Purity: AR, Dye content  $\geq 85\%$   
Lot #: F2505418  
SKU #: **S104168**  
Version: **2**  
Analysis #: **507187**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	85-100 (%)	99.56200 %
$\lambda$ UV Lambda max(50% EtOH and H2O)	530-534 (nm)	532.00000 nm
Absorption Ratio P-15/P+15	1.1-1.32	1.17014
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
LC-MS for identification	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager