

Certificate of Analysis

Date of Testing: 2024-02-26 10:30:10

Date of Next Testing: 2028-02-25 10:30:10

Product Name: **Safranine T**

CAS Number: 477-73-6

Specifications & Purity: Dye content $\geq 85\%$

Lot #: D2027072

SKU # **S104168**

Analysis: 323411

Parameter	Limit Values	Result
E1%(50% EtOH and H ₂ O, 530 - 534 nm)	1250-1650	1500.00
Assay	85-100 (%)	99.00 %
Appearance (S104168)	Dark green to dark brown Powder	dark green to Dark brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Dark Red Solution C=(1 mg/ml) pass		Pass



John Su
QA & QC Manager