

Certificate of Analysis

Date of Testing: 2024-11-29 18:45:54
Date of Next Testing: 2028-11-28 18:45:54
Product Name: **Safranine T**
CAS Number: 477-73-6
Specifications & Purity: AR, Dye content $\geq 85\%$
Lot #: K2422567
SKU #: **S104168**
Version: **1**
Analysis #: **437629**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	85-100 (%)	99.00 %
Absorption Ratio P-15/P+15	1.1-1.32	1.19000
λ UV Lambda max(50% EtOH and H2O)	530-534 (nm)	533.00000 nm
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 H2O , Dark Red SolutionC=(1 mg/ml) pass		Pass



John Su
QA & QC Manager