

Certificate of Analysis

Date of Testing: 2023-02-25 15:14:04
Date of Next Testing: 2027-02-24 15:14:04
Product Name: **Safranin T**
CAS Number: 477-73-6
Specifications & Purity: Analytical Reagent,Dye content $\geq 85\%$
Lot #: B2317064
SKU #: **S104168**
Version: **0**
Analysis #: **107060**

Parameter	Limit Values	Result
E1%(50% EtOH and H ₂ O,530 - 534 nm)	1250-1650	1450.00
Assay	85-100 (%)	98.00 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Dark Red SolutionC=(1 mg/ml)	pass	Pass
Appearance (S104168)	dark green to Dark brown powder	dark green to Dark brown powder



John Su
QA & QC Manager