

Certificate of Analysis

Date of Testing: 2023-12-15 15:56:37
Date of Next Testing: 2027-12-14 15:56:37
Product Name: **Safranin T**
CAS Number: 477-73-6
Specifications & Purity: Analytical Reagent, Dye content $\geq 85\%$
Lot #: L2304371
SKU #: **S104168**
Analysis: **298206**

Parameter	Limit Values	Result
E1%(50% EtOH and H ₂ O, 530 - 534 nm)	1250-1650	1253.50
Assay	85-100 (%)	85.01 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (S104168)	dark green to Dark brown powder	dark green to Dark brown powder
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