

Certificate of Analysis

Date of Testing: 2022-09-19 18:34:22
Date of Next Testing: 2026-09-18 18:34:22
Product Name: **Safranine T**
CAS Number: 477-73-6
Specifications & Purity: Analytical Reagent, Dye content $\geq 85\%$
Lot #: I2214261
SKU #: **S104168**
Analysis: **105329**

Parameter	Limit Values	Result
E1%(50% EtOH and H ₂ O, 530 - 534 nm)	1250-1650	1255.00
Assay	85-100 (%)	86.40 %
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
Appearance (S104168)	Dark green to dark brown Powder	dark green to Dark brown powder



John Su
QA & QC Manager