

## Certificate of Analysis

Date of Testing: 2022-09-19 18:32:57  
Date of Next Testing: 2026-09-18 18:32:57  
Product Name: **Safranine T**  
CAS Number: 477-73-6  
Specifications & Purity: indicator  
Lot #: 12214264  
SKU #: **S104171**  
**Analysis: 137381**

Parameter	Limit Values	Result
Dye Content	80-100 (%)	86.40%
Appearance (S104171)	Green to Yellowish Red to Brown to Black Powder	Green to Yellowish Red to Brown to Black Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Dark Red to Very Dark Red,Clear,C = 1mg/ml	pass	Pass



John Su  
QA & QC Manager