

## Certificate of Analysis

Date of Testing: 2022-10-20 13:40:35  
Date of Next Testing: 2026-10-19 13:40:35  
Product Name: **Indocyanine Green**  
CAS Number: 3599-32-4  
Specifications & Purity: 75%  
Lot #: J2214640  
SKU #: **I107931**  
Version: **0**  
Analysis #: **118942**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	75-100 (%)	99.51900 %
Nitrogen by Elemental Analysis	2.2-4.2 (%)	3.12 %
Carbon by Elemental Analysis	49.6-66.6 (%)	54.80 %
E1%(EtOH, 785.0 to 789.0 nm)	≥2000	2501.79
Appearance (I107931)	Green to brown powder or crystals	Green to brown powder or crystals
Solubility in H <sub>2</sub> O , Dark green solution 4mg/4ml water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager