

## Certificate of Analysis

Date of Testing: 2022-10-20 11:02:50  
Date of Next Testing: 2026-10-19 11:02:50  
Product Name: **Indocyanine Green**  
CAS Number: 3599-32-4  
Specifications & Purity: 75%  
Lot #: J2214806  
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             |



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