

## Certificate of Analysis

Date of Testing: 2023-04-19 14:15:01  
Date of Next Testing: 2027-04-18 14:15:01  
Product Name: **New Indocyanine Green**  
CAS Number: 172616-80-7  
Specifications & Purity: Dye content 80%  
Lot #: D2313919  
SKU #: **N119962**  
**Analysis: 171526**

Parameter	Limit Values	Result
Extinction Coefficient(In MEtOH)	≥200000	289991.48
Carbon by Elemental Analysis	50.6-79.3 (%)	62.06 %
Nitrogen by Elemental Analysis	2.5-4 (%)	3.29 %
Appearance (N119962)	Green to Red-Brown to Brown Powder or solid	Green to Red-Brown to Brown Powder or solid
Wavelength(C=0.005 g/L Methanol)	817 - 823 nm	817 - 823 nm
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager