

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-30 09:59:19  
Date of Next Testing: 2026-06-29 09:59:19  
Product Name: **New Indocyanine Green**  
CAS Number: 172616-80-7  
Specifications & Purity: Dye content 80%  
Lot #: F2228414  
SKU #: **N119962**  
Analysis: **095468**

Parameter	Limit Values	Result
Extinction Coefficient(In MEtOH)	≥200000	239614.65
Carbon by Elemental Analysis	50.6-79.3 (%)	55.15 %
Nitrogen by Elemental Analysis	2.5-4 (%)	2.69 %
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