

## Certificate of Analysis

Date of Testing: 2024-11-23 10:46:07  
Date of Next Testing: 2025-11-23 10:46:07  
Product Name: **Sulfo-Cyanine 3 Carboxylic Acid**  
CAS Number: 146368-13-0  
Specifications & Purity:  $\geq 95\%$   
Lot #: K2419290  
SKU #: **C196715**  
Version: **0**  
Analysis #: **431078**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.89500 %
ICP:Confirms Sodium Component	Confirmed	Confirmed
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager