

Certificate of Analysis

Date of Testing: 2024-11-23 10:45:20
Date of Next Testing: 2025-11-23 10:45:20
Product Name: **Sulfo-Cyanine 3 Carboxylic Acid**
CAS Number: 146368-13-0
Specifications & Purity: $\geq 95\%$
Lot #: K2419283
SKU #: **C196715**
Version: **0**
Analysis #: **431078**
Storage Temperature: Protected from light, Store at -20°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