

## Certificate of Analysis

Date of Testing: 2025-06-24 10:03:51

Date of Next Testing: 2026-06-24 10:03:51

Product Name: **Cyanine5.5 hydrazide**

CAS Number: 2280971-80-2

Specifications & Purity:  $\geq 95\%$

Lot #: L2319213

SKU #: **C276412**

Version: **1**

Analysis #: **530720**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Desiccated

| Parameter                            | Limit Values          | Result                |
|--------------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)                    | 95-100 (%)            | 99.00 %               |
| Proton NMR spectrum                  | Conforms to Structure | Conforms to Structure |
| LC-MS for identification             | Conforms              | Conforms              |
| Maximum excitation wavelength, 684nm | Pass                  | Pass                  |
| Emission maximum, 710nm              | Pass                  | Pass                  |



John Su  
QA & QC Manager