

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 13:19:29

Date of Next Testing: 2026-09-18 13:19:29

Product Name: **CuInS Quantum Dots**

CAS Number:

Specifications & Purity: fluorescence  $\lambda_{em}$  630 nm, 12  $\mu\text{mol/L}$  in Cyclohexane

Lot #: E2329052

SKU #: **C139656**

Version **0**

Analysis #: **572407**

Storage Temperature: Store at 2-8°C

| Parameter                    | Limit Values                    | Result                     |
|------------------------------|---------------------------------|----------------------------|
| Quantum yield                | $\geq 50$ (%)                   | 51.16000 %                 |
| Emission Wavelength          | 628-632 (nm)                    | 629.00000 nm               |
| Concentration in Cyclohexane | 11.5-12.5 ( $\mu\text{mol/L}$ ) | 11.99500 $\mu\text{mol/L}$ |
| Solvent(Cyclohexane)         | Conform                         | Conform                    |



John Su  
QA & QC Manager