

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 13:34:37
Date of Next Testing: 2026-09-17 13:34:37
Product Name: **PbS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ em 1520 nm, stabilized with octadecylamine ligands
Lot #: I2201614
SKU #: **P140918**
Version: **1**
Analysis #: **572092**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Quantum yield	≥ 40 (%)	41.23%
Emission Peak	1495-1545 (nm)	1522.00 nm



John Su
QA & QC Manager