

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-12 11:27:24
Date of Next Testing: 2025-06-12 11:27:24
Product Name: **PbS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ em 1120 nm, stabilized with octadecylamine ligands
Lot #: H2329568
SKU #: **P140913**
Version: **0**
Analysis #: **366405**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
L × W	120-150 (nm)	133.00 nm
Emission Peak	1095-1145 (nm)	1140.00 nm
Quantum yield	≥40 (%)	41.00 %
First Excitation	950-1050 (nm)	1040.00 nm
Surface Group, Octadecylamine	Conforms	Conforms



John Su
QA & QC Manager