

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-06 09:31:54
Date of Next Testing: 2026-11-06 09:31:54
Product Name: **PbS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ em 1120 nm, stabilized with octadecylamine ligands
Lot #: B2507008
SKU #: **P140913**
Version: **0**
Analysis #: **600183**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
L × W	120-150 (nm)	132.00 nm
Emission Peak	1095-1145 (nm)	1138.00 nm
Quantum yield	≥40 (%)	40.00 %
First Excitation	950-1050 (nm)	1039.00 nm
Surface Group, Octadecylamine	Conforms	Conforms



John Su
QA & QC Manager