

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-29 19:07:09

Date of Next Testing: 2027-04-29 19:07:09

Product Name: **PbS Quantum Dots**

CAS Number:

Specifications & Purity: fluorescence λ em 1250 nm, stabilized with octadecylamine ligands

Lot #: D2629296

SKU #: **P140915**

Version: **1**

Analysis #: **690222**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Quantum yield	≥ 40 (%)	45.00%
Emission Peak	1225-1275 (nm)	1250.00 nm
L x W	130-180 (nm)	142.00 nm
Surface Group, Octadecylamine	Conforms	Conforms



John Su
QA & QC Manager