

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-03 16:17:33

Date of Next Testing: 2027-06-03 16:17:33

Product Name: **PbS Quantum Dots**

CAS Number:

Specifications & Purity: fluorescence λ_{em} 1520 nm, stabilized with octadecylamine ligands

Lot #: E2626091

SKU #: **P140918**

Version: **1**

Analysis #: **717145**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Quantum yield	≥ 40 (%)	41.23000 %
Emission Peak	1495-1545 (nm)	1522.00000 nm



John Su
QA & QC Manager