

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-03 13:08:19
Date of Next Testing: 2027-03-03 13:08:19
Product Name: **PbS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ em 1250 nm, stabilized with octadecylamine ligands
Lot #: A2412538
SKU #: **P140915**
Version: **1**
Analysis #: **658022**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
L x W	130-180 (nm)	160.00 nm
Quantum yield	≥ 40 (%)	41.00%
Emission Peak	1225-1275 (nm)	1267.00 nm
Surface Group, Octadecylamine	Conforms	Conforms



John Su
QA & QC Manager