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Certificate of Analysis

Date of Testing: 2025-09-17 13:34:37
Date of Next Testing: 2026-09-17 13:34:37
Product Name: **PbS Quantum Dots**
CAS Number:
Specifications & Purity: fluorescence λ_{em} 1520 nm, stabilized with octadecylamine ligands
Lot #: I2201613
SKU #: **P140918**
Version: **1**
Analysis #: **572092**
Storage Temperature: Store at 2-8°C

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

