

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-12 10:30:49

Date of Next Testing: 2023-08-12 10:30:49

Product Name: **PbS Quantum Dots**

CAS Number:

Specifications & Purity: fluorescence  $\lambda_{em}$  1520 nm, stabilized with octadecylamine ligands

Lot #: J2119095

SKU #: **P140918**

Version: **1**

Analysis #: **124331**

Storage Temperature: Store at 2-8°C

| Parameter     | Limit Values   | Result        |
|---------------|----------------|---------------|
| Quantum yield | $\geq 40$ (%)  | 43.60000 %    |
| Emission Peak | 1495-1545 (nm) | 1503.00000 nm |



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QA & QC Manager