

Specification Sheet

Product Name: **PbS Quantum Dots**
Specifications & Purity: fluorescence λ_{em} 1420 nm, stabilized with octadecylamine ligands
SKU #: **P140917**

| Parameter | Limit Values |
|-------------------------------|----------------|
| L × W | 120-150 (nm) |
| Quantum yield | ≥40 (%) |
| Emission Peak | 1395-1445 (nm) |
| First Excitation | 1350-1450 (nm) |
| Surface Group, Octadecylamine | Conforms |