

## Specification Sheet

Product Name: **PbS Quantum Dots**  
Specifications & Purity: fluorescence  $\lambda_{em}$  850 nm, stabilized with octadecylamine ligands  
SKU #: **P140910**

| Parameter                     | Limit Values  |
|-------------------------------|---------------|
| Quantum yield                 | $\geq 40$ (%) |
| Emission Peak                 | 825-875 (nm)  |
| First Excitation              | 650-750 (nm)  |
| L x W                         | 120-150 (nm)  |
| Surface Group, Octadecylamine | Conforms      |