

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **PbS Quantum Dots**
Specifications & Purity: fluorescence λ_{em} 1120 nm, stabilized with octadecylamine ligands
SKU #: **P140913**

Parameter	Limit Values
L × W	120-150 (nm)
Emission Peak	1095-1145 (nm)
Quantum yield	≥40 (%)
First Excitation	950-1050 (nm)
Surface Group, Octadecylamine	Conforms