

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	PbS Quantum Dots
Specifications & Purity:	fluorescence λ_{em} 1330 nm, stabilized with octadecylamine ligands
SKU #	P140916

Parameter	Limit Values
Emission Peak	1305-1355 (nm)
Quantum yield	≥ 40 (%)
L \times W	120-150 (nm)
First Excitation	1250-1350 (nm)
Surface Group, Octadecylamine	Conforms