

## Specification Sheet

Pbs Quantum Dot Solar Cells

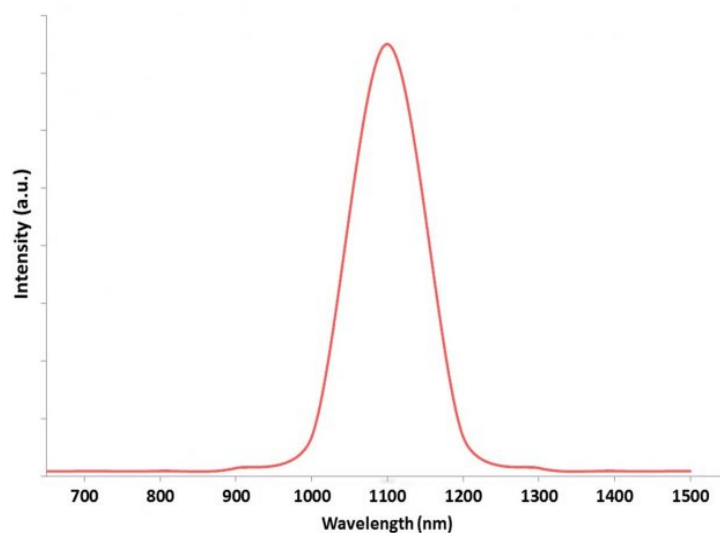
(Lead Sulphide Quantum Dots-1100±50nm)

Stock No: NS6130-12-000135, CAS: 1314-87-0

<b>Product</b>	:	<b>Lead Sulphide Quantum Dots</b>
Stock No.	:	NS6130-12-000135
CAS	:	1314-87-0
Purity	:	99.9%
Composition	:	PbS
Emission Peak	:	1100±50nm
Quantum Yield	:	>40%
Average Particle Size (FWHM)	:	120-150nm
Solvent	:	Toluene
Application	:	Optoelectronic devices
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of Pbs Quantum Dot Solar Cells



Lead Sulphide Quantum Dots-1100±50nm



**NANOSHEL**  
Creating Miracles in Black