

## Specification Sheet

Lead Selenide Quantum Dots

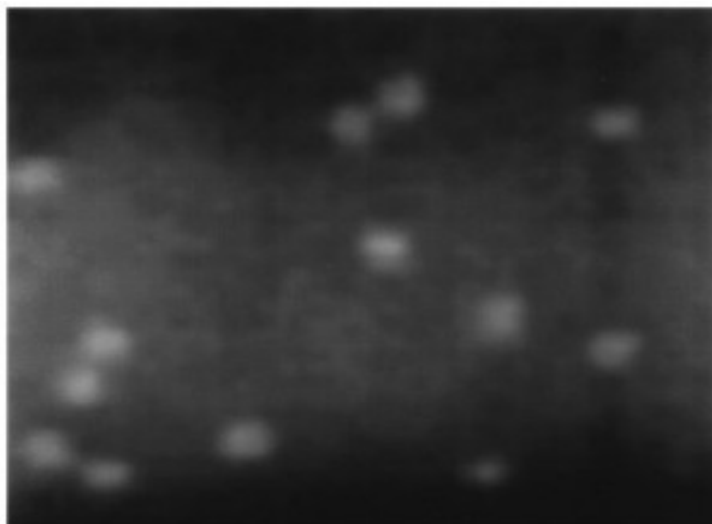
(PbSe, 4N Purity, 2.8 Diameter, 700nm Wavelength)

Stock No: NS6130-02-267, CAS: 12069-00-0

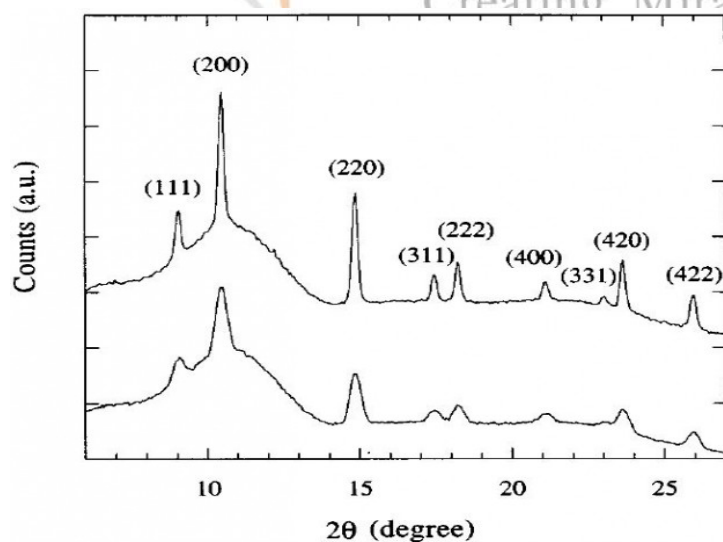
<b>Product</b>	:	<b>Lead Selenide Quantum Dots</b>
Stock No.	:	NS6130-02-267
CAS	:	12069-00-0
Diameter	:	4-5nm
Linear Formula	:	PbSe (Lead Selenide)
Form	:	Liquid
Fluorescence	:	$\lambda_{em}$ 485 nm
Excitation Wavelength	:	700nm
Color	:	Blue
Dispersing Agent	:	Toluene/Aliphatic Amine
Concentration	:	5 mg/mL
Storage Temperature	:	2-8°C
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Lead Selenide Quantum Dots



TEM - PbSe Quantum Dots



PbS Quantum Dots - XRD