

NS6130-02-267

Lead **SELENIDE**

Quantum Dots

Quick Facts

| | | |
|-------------------|---|----------------------------|
| Product | : | Lead Selenide Quantum Dots |
| Stock No | : | NS6130-02-267 |
| CAS | : | 12069-00-0 |
| Molecular Formula | : | PbSe |
| Form | : | Liquid |

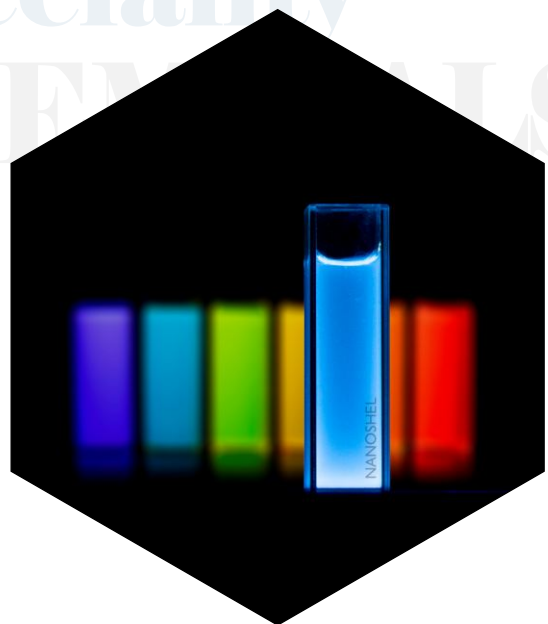
Purity
99.9%

PbSe quantum dots can be excited over a broad range of wavelengths while emitting at a finite position in the near-IR region, which is desirable for bio-medical labeling. Lead selenide (PbSe), or lead(II) selenide, a selenide of lead, is a semiconductor material.

Applications:

- Quantum dot sensitized solar cells
- Bioluminescent labels
- Quantum dot fluorescence coding
- Infrared communication
- Light-emitting diodes

Speciality
CHEMICALS



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
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