

## BRIGHT+ CD-FREE

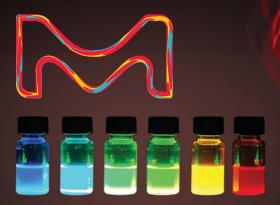
Quantum dots exhibit excellent photoluminescence and electroluminescence properties such as narrow emission bandwidth and high brightness.

Choose cadmium-free quantum dots for applications where toxicity is a concern.

## **Cd-free Quantum Dots find applications in:**

- LEDs
- Displays
- Solid-state lighting
- Photovoltaics
- Transistors

To find out more, visit **SigmaAldrich.com/cd-freeqd** 



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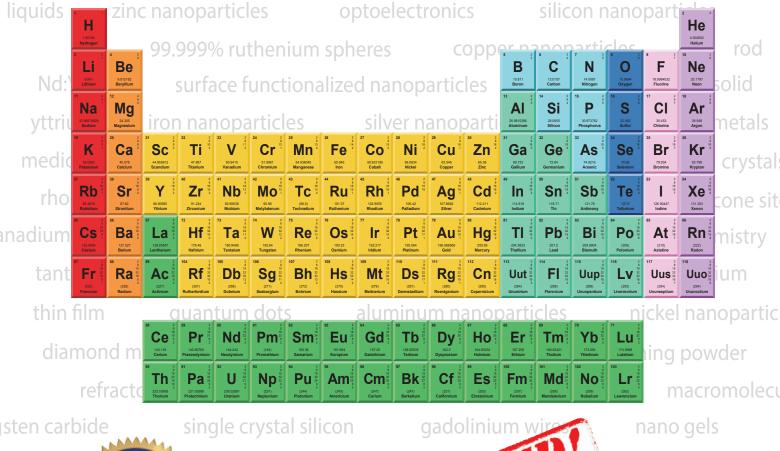
Lab & Production Materials



## dielectrics catalog:americanelements.com

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carbon nanopartic



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1997 - 2017

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ultra high purity

metamaterial:

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platinum ink

ittering targets

LED lighting

met anode

super alloys

osynthetics

iron ionic

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As one of the world's first and largest manufacturers and distributors of nanoparticles & nanotubes, American Elements' re-launch of its 20 year old Catalog is worth noting. In it you will find essentially every nanoscale metal & chemical that nature and current technology allow. In fact quite a few materials have no known application and have yet to be fully explored.

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