



Inorganics

Known worldwide as a leading manufacturer of high purity inorganic compounds, Alfa Aesar, now part of Thermo Fisher Scientific, produces thousands of distinct materials to exacting standards for research, development and production applications.

The Alfa Aesar range of inorganics is offered in all purity grades to meet your application needs, all available from stock, ready for immediate shipment. Custom production and packaging services are part of our regular offering.

Our inorganics include (but not limited to): coordination compounds, main group compounds, transition metal compounds, organometallic compounds, cluster compounds, bioinorganic compounds and solid state compounds.

Inorganics are used in a wide variety of applications. The main applications are: catalysis, crystal growth technology, photovoltaic materials, optical fibres and lasers. Inorganics play a crucial role in nanotechnology, electronics and semiconductors. They have a major impact in modern medicine as these have potential to diagnose a variety of diseases and conditions relating to cancer care, infection control, diabetic control, neurological, cardiovascular, anti-inflammatory diseases, ulcers inhibition, and have promising therapeutic properties.

Inorganics, specifically metals, play a crucial role in biological systems, such as iron in hemoglobin which has a pivotal role in oxygen transport and the metal ions at the centre of enzymes which help regulate several biological processes.

Our inorganics portfolio includes:

- Inorganic acids and salts
- Inorganics halides
- Inorganic phosphorus compounds
- Inorganic boron compound
- Inorganic cyanide compounds
- Nanoparticles (tube, powder, etc.)
- Rare earth compounds
- Puratronic® compounds
- Premion® compounds
- Ultra drys
- And many other inorganic compounds

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