

Download Conclusion For Molecular Models Lab In Chemistry

Flinn Scientific is the #1 source for science supplies and equipment both in and outside the classroom. For more than 40 years, Flinn has been the “Safer Source for Science.” How does ferritin store iron? Ferritin has the shape of a hollow sphere. Inside the sphere, iron is stored in the Fe(III) oxidation state. It is incorporated in the mineral ferrihydrite, $[\text{FeO}(\text{OH})]_8 [\text{FeO}(\text{H}_2\text{PO}_4)]_4$, which is attached to the inner wall of the sphere. To release iron when the body needs it, the iron must be changed from the Fe(III) to the Fe(II) oxidation state. Summary. In this lab, students will investigate the VSEPR geometry of covalent compounds. They will draw Lewis structures, use molecular models, and determine the geometry of covalent compounds. The virtual labs are fully interactive simulations in which students perform experiments, collect data, and answer questions to assess their understanding.