**Results**

The powder X-ray diffraction patterns show that the lattice parameter of the material used in the experiments is in a perfect agreement with the expected values. The experimental data is consistent with the theoretical predictions for the compound in question.

**Images**

The structural information in the form of diffraction peaks can be used to determine the structure of the compound. The diffraction peaks are indexed and compared with the theoretical predictions to confirm the identity of the compound.

**The Machine**

Scandium Tungstate

**Lysozyme**

Powder Diffraction

Junior at Calvin College

Lindsey Amand, Chemical Engineer

Argonne National Laboratory