

### **Group I: Glucose-1-Phosphate, Purification**

1. Potato People should decolorize with charcoal, then carefully filter.
2. Now treat with cation exchange resin, Dowex-50, to remove cations.
3. You must be **very careful** to use the “regenerated” resin and to **carefully filter** and put the used resin back in the recovery bottle. Dowex-50 is very expensive!!

### **Group II: Wheat Germ, Isolation**

1. Wheat Germ People do “Water Extraction of the Enzyme from PIV”.
2. You should also prepare a BSA standard curve, one for the group, using the Biuret assay.
3. Remove a small aliquot, which should be stored labeled, in a plastic test tube, frozen, for later assay.
4. **Store: SV**