

LABORATORY #4_Presumptive Testing for Lead Metal Ions

LAB #4_Worksheet 1

- 1) List metal ions tested in this video.
- 2) Draw structure of all compounds from this video.
- 3) Draw a complex between lead ion and rhodizonate ligand.

LAB #4_Worksheet 2

- 1) Plot data provided.
- 2) Compare spectra of samples tested.
- 3) Determine maximum absorbance from each spectrum.

LAB #4_Worksheet 3

- 1) Identify 2 cases from CanLII which mention presumptive testing.
- 2) In the cases, what drugs or metabolites were tested using colour test?
- 3) What information was provided from such analysis (concentrations, yes/no, confirmation of structure, standard or reference comparison)?