

Post-Lab Questions

1. Why is it best to store ferric ammonium citrate and other photographic chemicals in brown or dark-colored bottles?
2. Why does the lab work on overcast days as well as on clear days?
3. Why doesn't incandescent light (classroom lighting) develop the T-shirts?
4. Explain why blueprints or photographs may slowly deteriorate if they have not been rinsed well during development.
5. Where is the best place for storing photographs? What would you predict sunlight would do to photographs? Why?
6. (*Optional*) Compare the reduction potentials for silver ion and iron(II) or iron(III) ions. Which metal is more likely to be reduced and therefore produce insoluble deposits on film? What other metal salts might also work well for photography?