

Figure 1: BSA: HAuCl₄ 1:80 and 1:160 Stock Solution

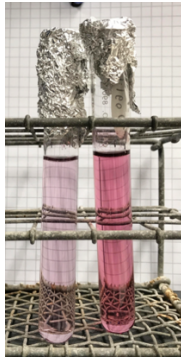


Figure 1 shows two stock solutions of BSA: HAuCl₄ at two different ratios. The tube on the left is the ratio of 1:80. The tube has a light pink hue. The tube on the right is the ratio of 1:160. The tube has a dark pink hue.

Figure 2: UV/Vis of BSA: HAuCl₄ 1:160 Ratio

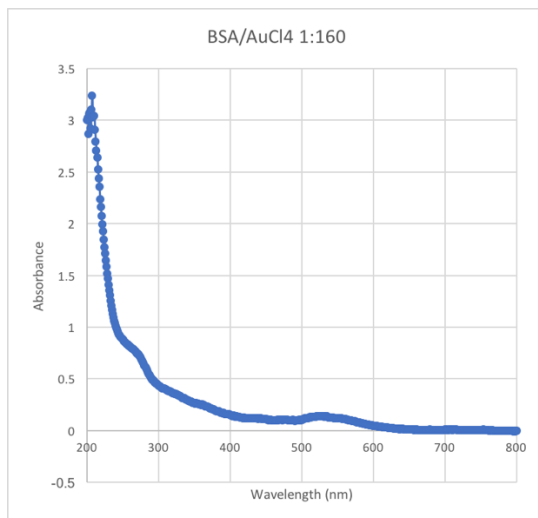


Figure 2 shows the UV/Vis data obtained in a graphical layout. The graph has a slight peak around 515 nm.