

## 13 Equilibrium constant Eduweblabs (3199209)

Question

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#)**Description**

Go to Eduweblabs.com; Advanced Chemistry; Equilibrium Constant Lab.

**Instructions**

When you are finished collecting data, click the special button and file your report (click the green button) in Eduweblabs.

[AP Equilibrium Lab Calculations](#)

**1.** Question Details

Objective and procedure summary [3413760]

Restate the objective in your own words using complete sentences. Summarize the steps in your procedure. (Be sure and include any safety concerns).

**2.** Question DetailsAP Equilibrium Constant Abs FeSCN<sup>2+</sup> [2442847]

a. Absorbance of Sample 1:   FeSCN<sup>2+</sup> Concentration:   M

b. Absorbance of Sample 2:   FeSCN<sup>2+</sup> Concentration:   M

c. Absorbance of Sample 3:   FeSCN<sup>2+</sup> Concentration:   M

d. Absorbance of Sample 4:   FeSCN<sup>2+</sup> Concentration:   M

e. Absorbance of Sample 5:   FeSCN<sup>2+</sup> Concentration:   M

3. Question Details

AP Equilibrium Constant Room 3-4 Abs FeSCN<sub>2</sub><sup>+</sup> [2447975]

	Absorbance	Fe <sup>3+</sup> (mol)	SCN <sup>-</sup> (mol)	FeSCN <sup>2+</sup> (M)	FeSCN <sup>2+</sup> (mol)
1	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
2	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
3	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
4	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
5	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>

	Fe <sup>3+</sup> (mol)	SCN <sup>-</sup> (mol)	SCN <sup>-</sup> (M)	Fe <sup>3+</sup> (M)	K
1	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
2	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
3	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
4	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>
5	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>	<input type="text" value="4.0"/> <input type="checkbox"/>

4. Question Details

File Report Eduweblabs [3776855]

Did you click the "special" button and file your report in Eduweblabs?

5. Question Details

Eduwebs Equilibrium Constant Lab Graph [3560548]

Upload a screen shot of the graph you made. The screen shot file must be smaller than 2 MB.

no file selected

6. Question Details

Upload Lab Photo [3413757]

Upload a photo of the lab apparatus with your face in the photo as you perform some part of the lab. Title the image with a unique file name before you upload it.(Maybe use your initials and part of the lab title)  no file selected It must be less than 5 MB in size.

## 7. Question Details

Observations, Skills utilized and learning [3413764]

What observations did you make during the lab? What chemistry concepts, laws, and/or skills were necessary to complete this lab? What did you learn or re-learn? Use complete sentences.



## Assignment Details

Name (AID): **13 Equilibrium constant Eduweblabs (3199209)**Submissions Allowed: **5**Category: **Homework**

Code:

Locked: **Yes**Author: **Ryan, Matt ( [mryan@allsaintsschool.org](mailto:mryan@allsaintsschool.org) )**Last Saved: **Jan 29, 2017 09:09 PM CST**Permission: **Protected**Randomization: **Person**Which graded: **Last****Feedback Settings**

Before due date

Question Score

Assignment Score

Publish Essay Scores

Question Part Score

Mark

Add Practice Button

Help/Hints

Response

Save Work

After due date

Question Score

Assignment Score

Publish Essay Scores

Key

Question Part Score

Solution

Mark

Add Practice Button

Help/Hints

Response