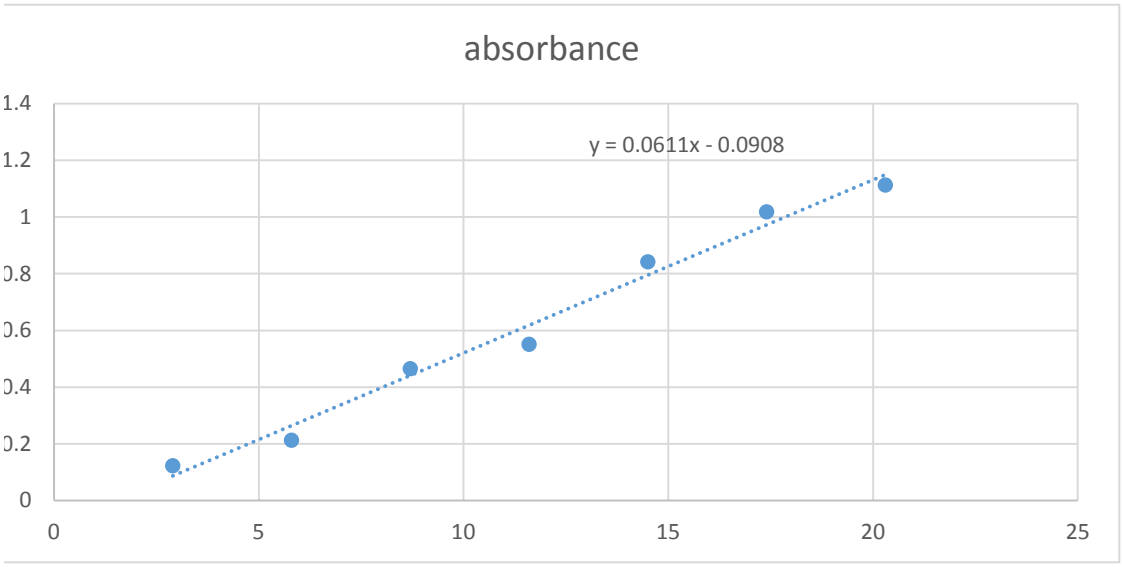
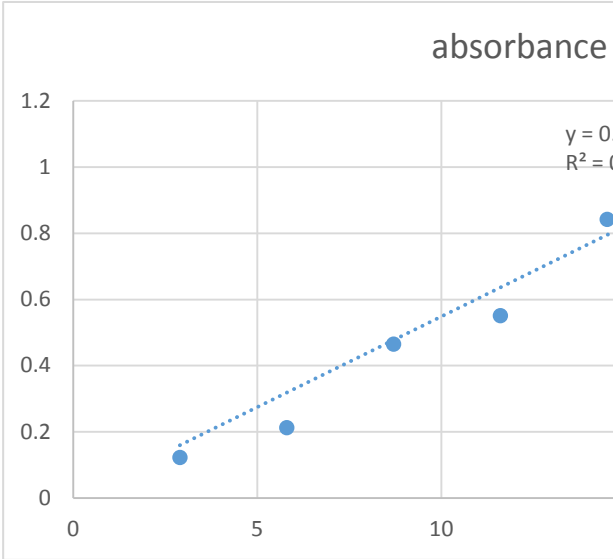
| concentration (mmol/L) | absorbance | | | |
|---|---|---|---|---|
| 2.9 | 0.1225 | H0 a=0 | 0.061087438 | -0.090842857 |
| 5.8 | 0.2125 | | 0.003525542 | 0.045723445 |
| 8.7 | 0.465 | | 0.98361883 | 0.05410071 |
| 11.6 | 0.551 | Y=bX+a | 300.2285106 | 5 |
| 14.5 | 0.842 | b=0,0611 | 0.87873486 | 0.014634434 |
| 17.4 | 1.0184 | a=-0,0908 | t=a/Sa | 1.98678943 |
| 20.3 | 1.113 | | t crit | 2.570581836 |
| | | | tcrit>t value | H0 is accepted |

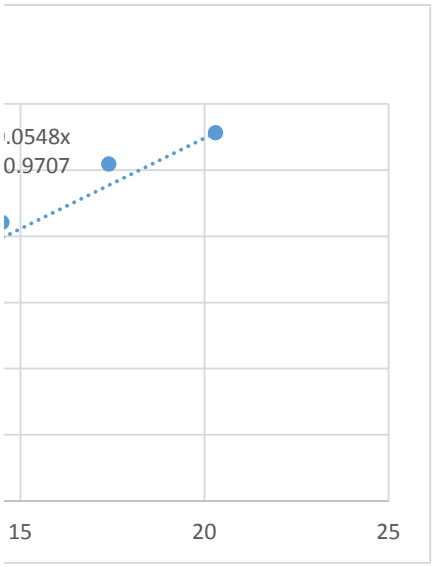

absorbance
y = 0.0611x - 0.0908
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
5
10
15
20
25

| concentration (mmol/L) | absorbance |
|---|---|
| 2.9 | 0.1225 |
| 5.8 | 0.2125 |
| 8.7 | 0.465 |
| 11.6 | 0.551 |
| 14.5 | 0.842 |
| 17.4 | 1.0184 |
| 20.3 | 1.113 |




| | |
|---|---|
| b= | 0.0548 |
| a= | 0 |
| r= | 0.99632018 |
| y=0,502 x= | 9.16058394 |

| | |
|---|---|
| 0.054822414 | 0 |
| 0.001925361 | #N/A |
| 0.992653897 | 0.06606541 |
| 810.7596011 | 6 |
| 3.538672232 | 0.02618783 |


.0548x
0.9707
15
20
25