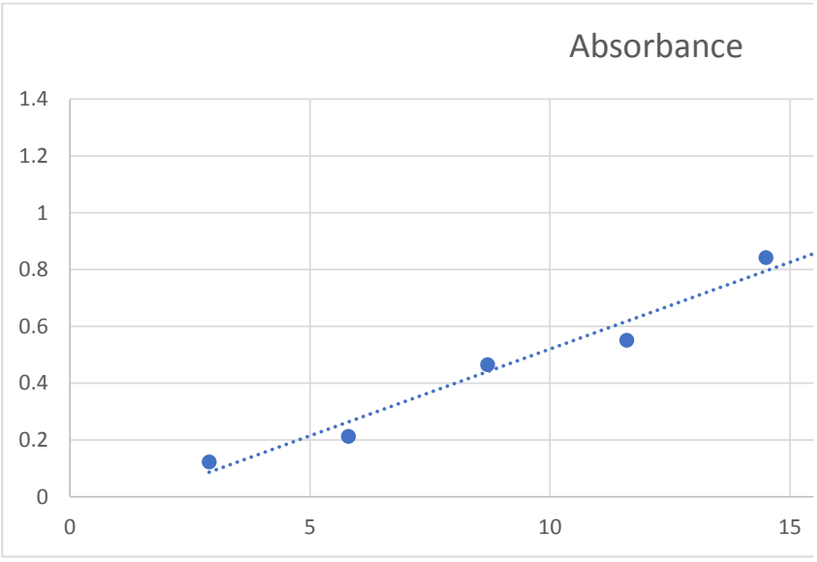
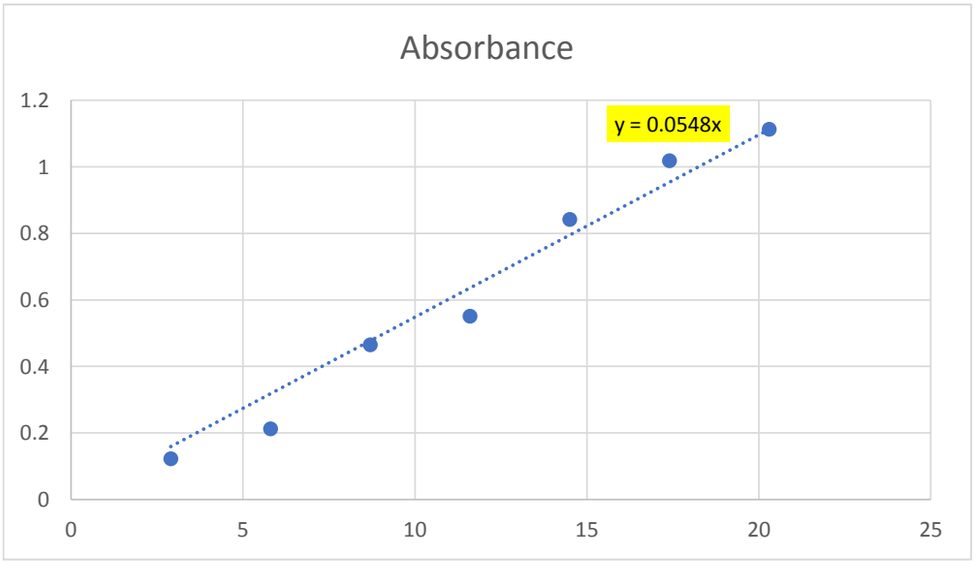
(mmol/L)

concentration	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



0.061087	-0.090843	tcrit=	1.98678943
0.003526	0.045723		
0.983619	0.054101	critical value=	2.570581836
300.2285	5		
0.878735	0.014634	tcrit<critical	H0 is accepted



R2

0.996320178

y=	0.502
x=	9.156839

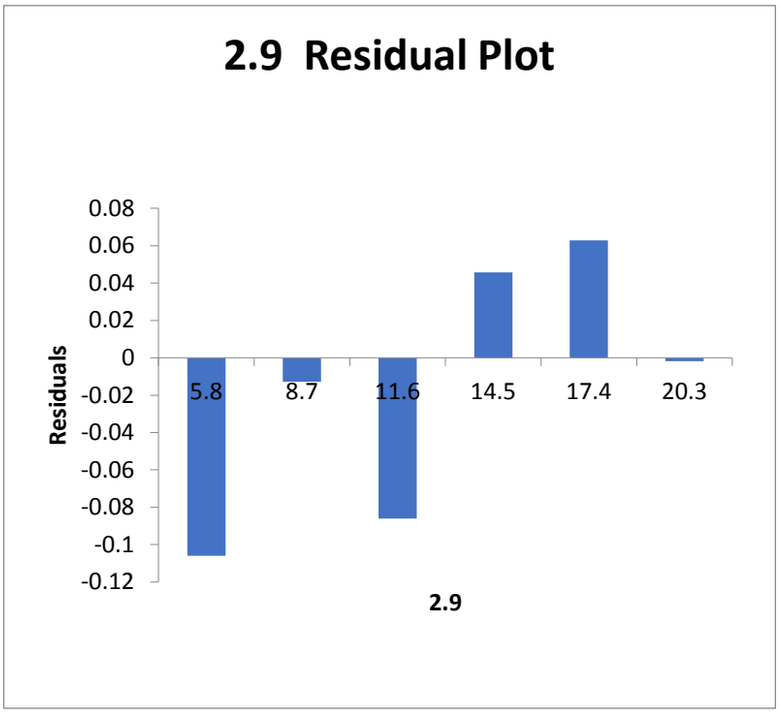
SUMMARY OUT

Regressic
Multiple R
R Square
Adjusted R Squ
Standard Error
Observations

ANOVA

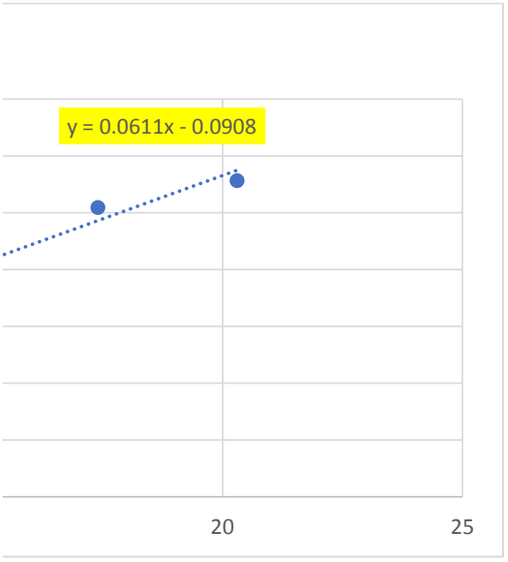
Regression
Residual
Total

Intercept
2.9



RESIDUAL OUTF

Observation
1
2
3
4
5
6



0.054822414	0
0.001925361	#N/A
0.992653897	0.066065408
810.7596011	6
3.538672232	0.026187829

PUT

on Statistics
0.996494119
0.99300053
0.79300053
0.070494108
6

df	*SS*	*MS*	*F*	*Significance F*
1	3.525006713	3.525006713	709.3398	1.18133E-05
5	0.024847097	0.004969419		
6	3.54985381			

Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*
0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
0.054912925	0.002061804	26.63343314	1.4E-06	0.049612888	0.060213	0.049612888

ᵖUT

Predicted 0.1225	*Residuals*
0.318494964	-0.105994964
0.477742446	-0.012742446
0.636989928	-0.085989928
0.79623741	0.04576259
0.955484892	0.062915108
1.114732374	-0.001732374

Upper 95.0%
#N/A
0.060212961