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Appendix A

Inhibitory zone (mm) of 50% (w/v) SBH samples against target bacteria*

SBH	Target bacteria					
	<i>E. coli</i>	<i>S. marcescens</i>	<i>S. Typhimurim</i>	<i>P. vulgaris</i>	<i>B. subtilis</i>	<i>S. aureus</i>
A	6	10	10	10	9	11
B	5	5	5	22	6	6
C	8	9	0	7	0	4
D	6	12	0	6	0	16
E	3	10	0	3	0	0

*100 µl were used per well of diameter of 8 mm

Appendix B

100 ml of 50% (w/v) of filtered SBH samples were used per well of diameter of 8 mm

SBH	Target bacteria					
	<i>E. coli</i>	<i>B. subtilis</i>	<i>S. marcescens</i>	<i>S. Typhimurim</i>	<i>S. aureus</i>	<i>P. vulgaris</i>
A	0	0	5	3	9	0
B	3	0	3	0	3	0
C	4	0	6	3	8	0
D	0	0	6	3	7	0
E	4	0	5	0	7	0

100 ml of 50% (w/v) of filtered SBH samples were used per well of diameter of 8 mm

Appendix C

Phenol standard solution against Gram negative bacteria. Concentration against square of phenol zone size plotted.

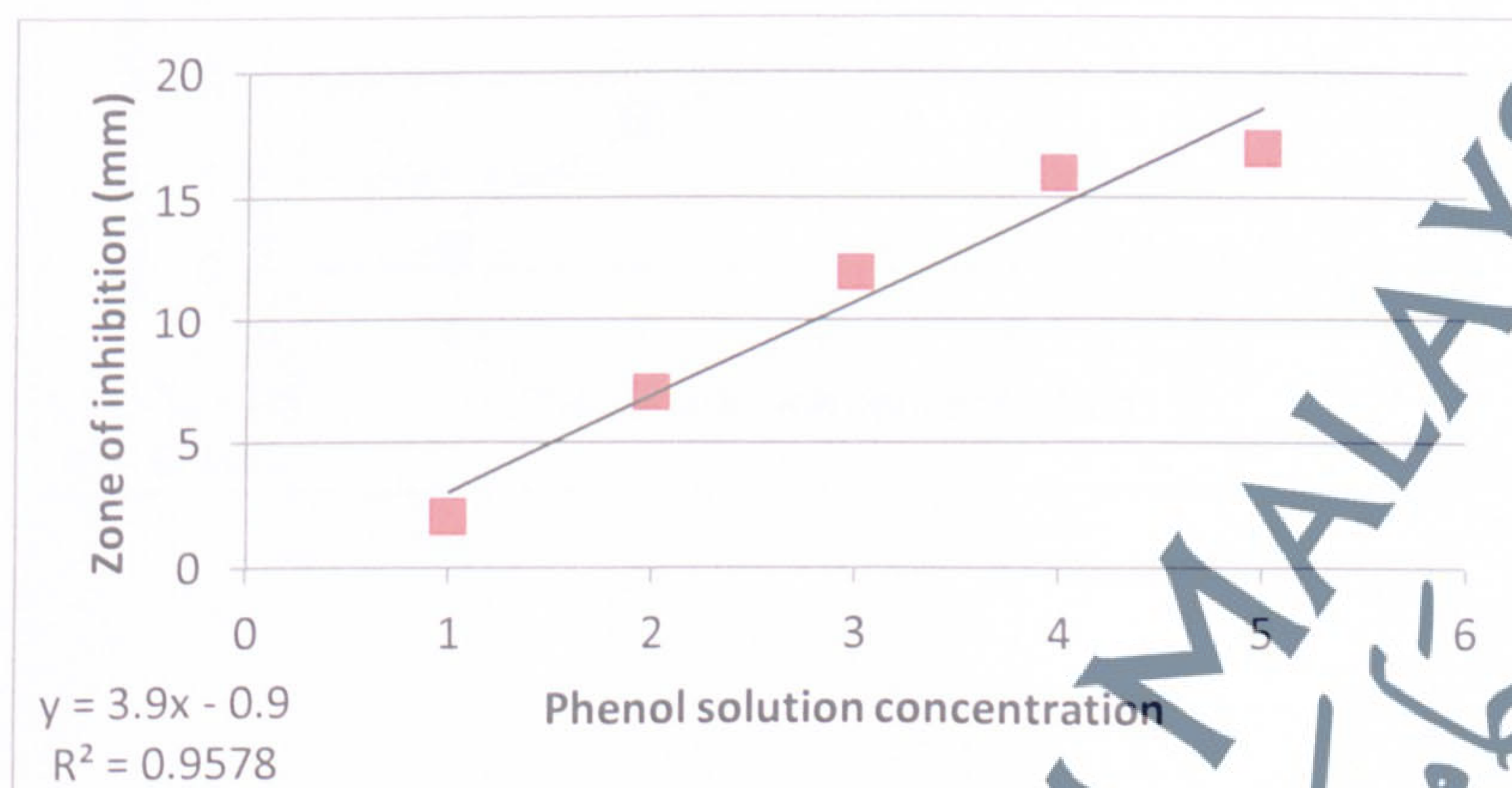
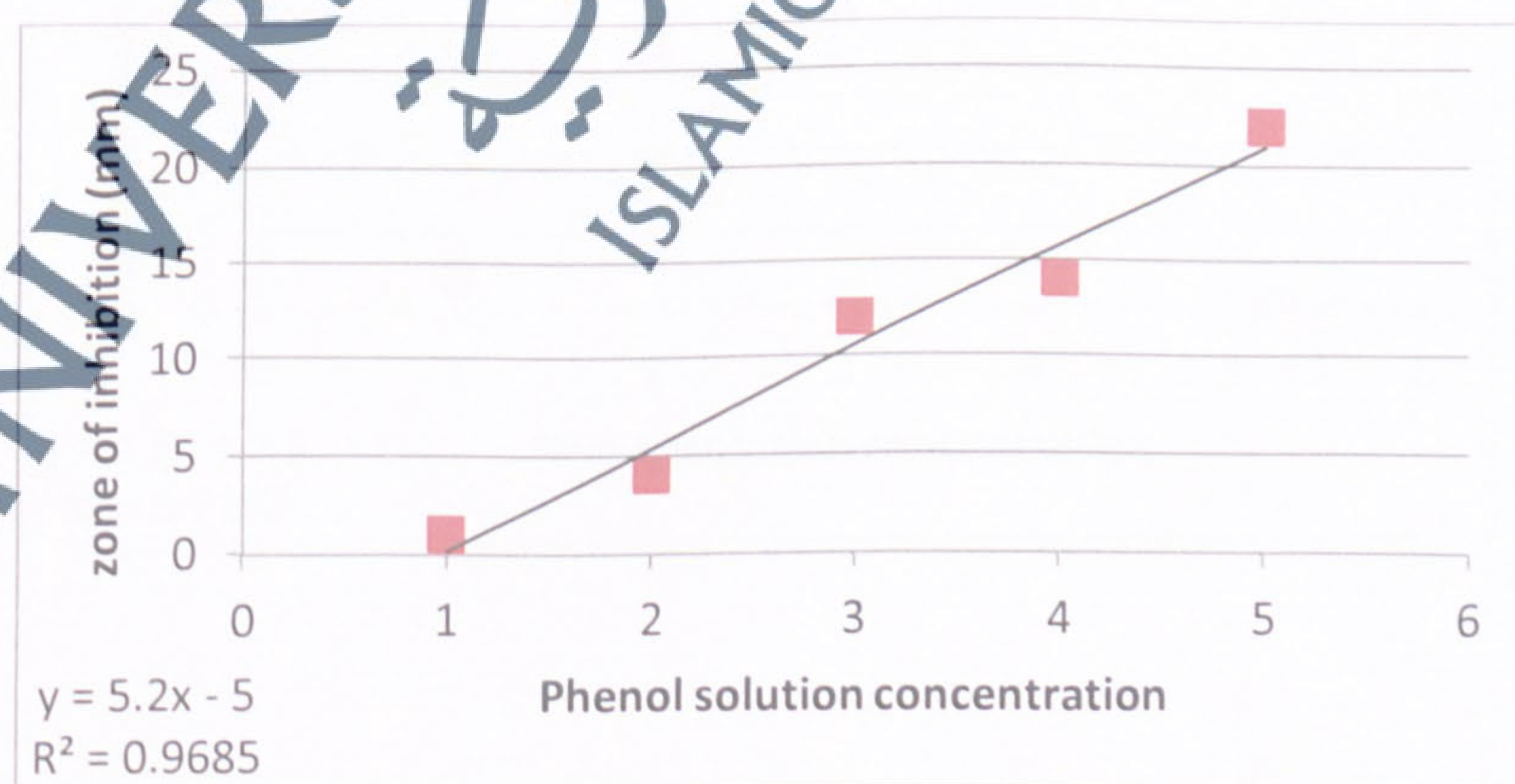
Gram negative bacteria				
Phenol concentration	<i>E. coli</i>	<i>S. marcescens</i>	<i>S. Typhimurm</i>	<i>P. vulgaris</i>
0.2%	2	3	1	1
0.4%	7	7	4	8
0.6%	12	12	12	16
0.8%	16	14	14	17
1%	17	19	22	22

Appendix D

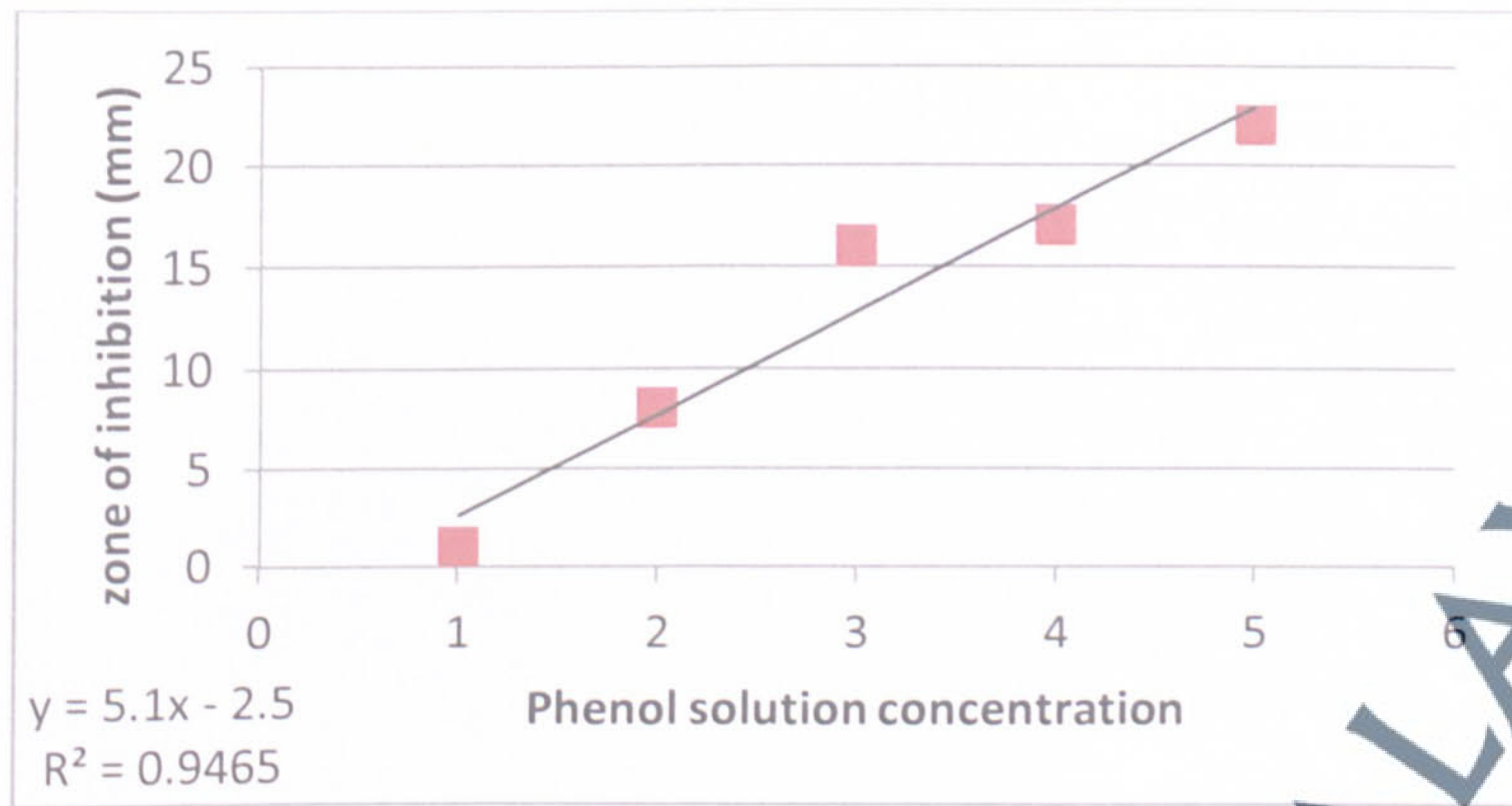
Phenol standard solution against Gram positive bacteria, concentration against square of phenol zone size plotted.

Gram positive bacteria		
Phenol concentration	<i>B. subtilis</i>	<i>S. aureus</i>
0.2%	1	2
0.4%	16	17
0.6%	18	19
0.8%	22	20
1%	25	22

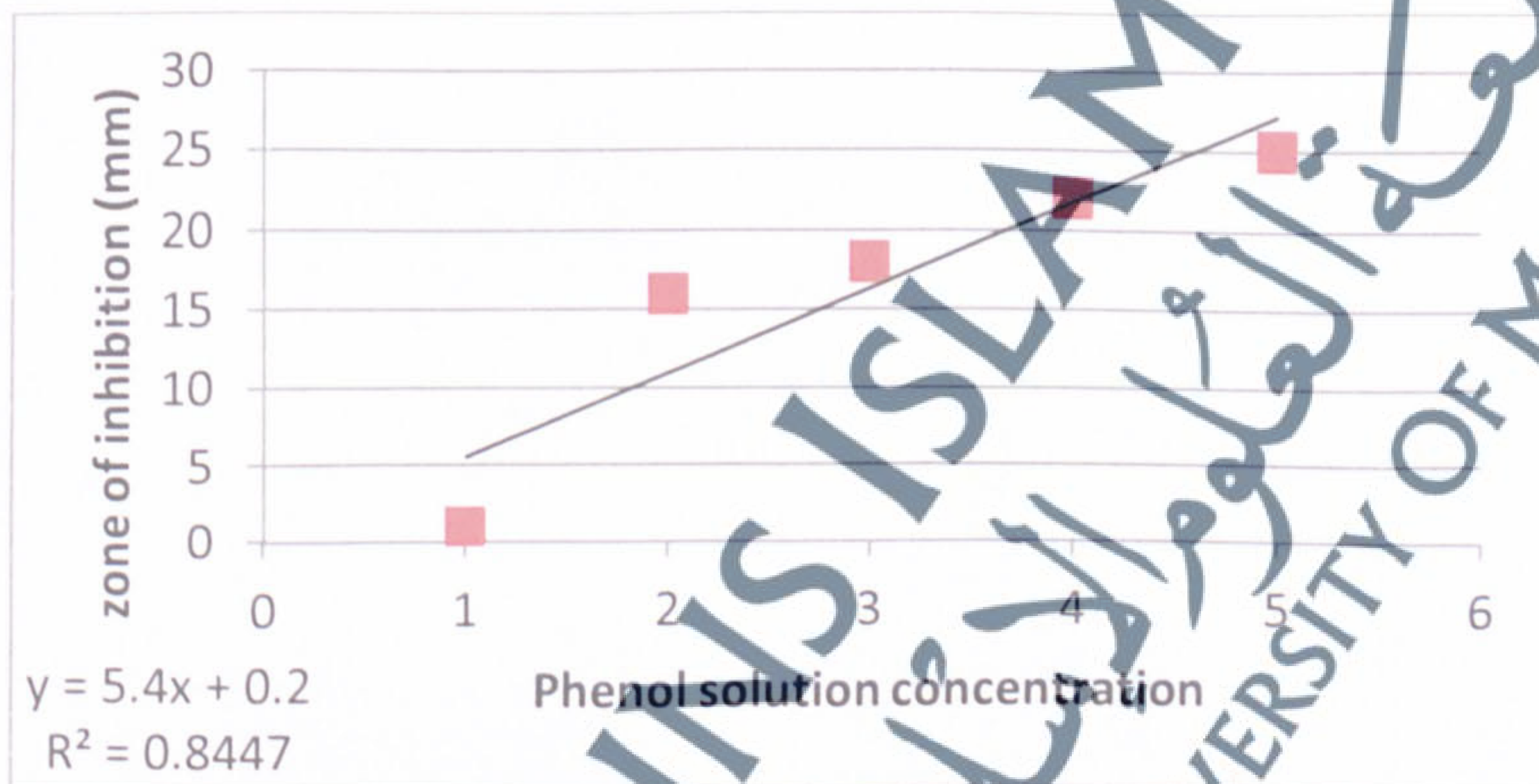
Phenol Equivalent Graphs:

E. coli*Serratia marcescens**S. Typhimurm*

P. vulgaris



B. subtilis



S. aureus

