



ADSORPTION OF POLYPHENOLS FROM OLIVE MILLS WASTEWATER USING PEANUT HUSK

By

Sanaa Ahmed Hassan Mohamed

A Thesis Submitted To the
Faculty of Engineering at Cairo University
In Partial Fulfillment of the
Requirements for the Degree of
MASTER OF SCIENCE
In

Chemical Engineering

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Adsorption of polyphenols from olive mills wastewater using peanut husk

Key words:

Adsorption, polyphenols, wastewater, olive mills, peanut husk

Summary: The subject of this research is studying the adsorption of polyphenols in wastewater resulting from olive mills using a cheap agricultural waste which is peanut husk, as well as the production of activated carbon of this waste and the study of adsorption of polyphenols onto the produced activated carbon.

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Dedication

This effort is dedicate to my professors in Chemical engineering department, Faculty of Engineering, Cairo University; who taught me to believe in applied science.

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Table of Contents

ACKNOWLEDGEMENTS	i
DEDICATION.....	ii
TABLE OF CONTENT	iii
LIST OF TABLES	ix
LIST OF FIGURES	x
ABBREVIATIONS.....	xiv
NOTATIONS.....	xvi
ABSTRACT.....	xvii
CHAPTER 1: INTRODUCTION	1
CHAPTER 2: LITERATURE REVIEW	3
2.1. Introduction	3
2.2. Environmental impact of olive mills wastewater	3
2.2.1. Genetic effects	4
2.2.2. Effects in water and aquatic life	4
2.2.3. Effects on soil	4
2.2.4. Effects on air	4
2.3. Olive Mills Wastewater (OMWW)	4
2.4. Different olive mills wastewater (OMWW) treatment techniques	6
2.4.1. Chemical methods for olive mills wastewater treatment	6
2.4.2. Physical techniques for olive mills wastewater treatment	7
2.4.2.1. Thermal processes	7
2.4.2.2. Membrane processes	8
2.4.3. Biological process	9
2.4.3.1. Aerobic process	9
2.4.3.2. Anaerobic process	9
2.5. Wastewater treatment using agricultural wastes.....	11
2.5.1. Polyphenolic compounds in olive mills wastewater	11
2.5.2. Removal of polyphenols using agricultural wastes.....	12

2.6.	Agricultural wastes as a source for activated carbon production	14
2.7.	Adsorption process	18
2.7.1.	Definitions and background	18
2.7.2.	Types of adsorbates in solid-liquid adsorption systems	18
2.7.2.1.	Activated carbon as adsorbent	18
2.7.2.2.	Non-conventional adsorbents	18
2.7.2.3.	Natural adsorbents	18
2.7.2.4.	Bio-sorbents	19
2.7.2.5.	Miscellaneous adsorbents	19
2.7.3.	Adsorption equilibrium models	19
2.7.3.1.	The Langmuir equilibrium isotherm model	19
2.7.3.2.	Freundlich equilibrium isotherm model	20
2.7.3.3.	Temkin equilibrium isotherm model	21
2.7.4.	Adsorption mechanism and kinetics	22
2.7.4.1.	Adsorption kinetic models based on diffusion	22
2.7.4.2.	Adsorption kinetic models based on chemical reaction	23
2.7.4.3.	Fixed bed adsorption breakthrough curve models	24
CHAPTER 3: MATERIALS AND METHODS		26
3.1.	Materials	27
3.1.1.	Characteristics of effluent	27
3.1.2.	Peanut husk chemical analysis	27
3.1.3.	Preparation of peanut husk	27
3.2.	Chemicals used in this study	28
3.2.1.	Folin-Ciocalteu folin reagent	28
3.2.2.	Sodium carbonate	28
3.2.3.	Hydrochloric acid	28
3.2.4.	Sodium hydroxide	28
3.2.5.	Phosphoric acid	28
3.2.6.	Potassium hydroxide	28
3.2.7.	Calcium chloride	28
3.2.8.	Sodium sulphate	29

3.3.	Equipment used for measuring	29
3.3.1.	pH meter	29
3.3.2.	Mechanical stirrer	29
3.3.3.	Oven dryer	29
3.3.4.	Muffle furnace	29
3.3.5.	Spectrophotometer	30
3.3.6.	Environmental shaker	30
3.3.7.	Balance	30
3.3.8.	Centrifuge	30
3.3.9.	Fixed bed	30
3.4.	Analytical methods	35
3.4.1.	Olive mills wastewater analysis	35
3.4.2.	Total polyphenols content measurement	35
3.4.2.1.	Standard (calibration curve)	35
3.4.2.2.	Measurement of total phenol content in wastewater samples	35
3.5.	Preparation of activated carbon from peanut husk	37
3.5.1.	Physical activation	37
3.5.2.	Chemical activation	37
3.5.2.1.	Activation using strong alkaline (KOH)	37
3.5.2.2.	Activation using different salts solutions	38
3.5.2.3.	Activation using phosphoric acid	38
3.6.	Characterization of carbon resulted from various activation operations.....	38
3.6.1.	Yield of activated carbon	38
3.6.2.	Adsorption efficiency	38
3.7.	Adsorption process	39
3.7.1.	Batch process	39
3.7.1.1.	Effect of pH	39
3.7.1.2.	Effect of initial concentration	39
3.7.1.3.	Effect of adsorbent dose	40
3.7.1.4.	Effect of particle size	40

3.7.1.5.	Effect of contact time	40
3.7.1.6.	Effect of agitation	40
3.8.	Fixed bed experiments	40
CHAPTER 4: RESULTS AND DESSCUSSION		41
4.1.	Characterizations and specifications of adsorbents	41
4.1.1.	Peanut husk characterization	41
4.1.1.1.	SEM analysis for peanut husk	41
4.1.1.2.	FTIR spectroscopy analysis	42
4.1.1.3.	BET surface area analysis	42
4.1.2.	Peanut husk based activated carbon (PHBAC) characterization	45
4.1.2.1.	SEM analysis	45
4.1.2.2.	FTIR spectroscopy analysis	45
4.1.2.3.	BET surface area analysis	47
4.2.	Peanut husk batch adsorption process	48
4.2.1.	Effect of pH on the percent removal of phenols	48
4.2.2.	Effect of initial concentration	49
4.2.3.	Effect of adsorbent dose	50
4.2.4.	Effect of contact time	52
4.2.5.	Effect of agitation	52
4.2.6.	Effect of particle size	52
4.3.	Isotherm for adsorption of polyphenols onto peanut husk	55
4.3.1.	Fitting adsorption of polyphenols at OMWW onto peanut husk to different isotherm models	55
4.3.1.1.	The Langmuir model	55
4.3.1.2.	Freundlich model	55
4.3.1.3.	Temkin model	56
4.3.2.	Adsorption kinetics study	57
4.4.	Preparation of activated carbon	62
4.4.1.	Physical activation	62
4.4.2.	Carbonization using chemical methods	62

4.4.3.	Physical specifications for activated carbon produced using H ₃ PO ₄	64
4.4.3.1.	Density	64
4.4.3.2.	Solubility in OMWW	64
4.5.	Peanut husk based activated carbon experiments	64
4.5.1.	Effect of pH value of OMWW on polyphenols adsorption using PHBAC	64
4.5.2.	Effect of initial concentration	64
4.5.3.	Effect of adsorbent dose	67
4.5.4.	Effect of agitation	68
4.5.5.	Effect of contact time	68
4.5.6.	Adsorption isotherm	69
4.5.7.	Adsorption isotherm modeling	69
4.5.7.1.	Langmuir model	69
4.5.7.2.	Freundlich model	69
4.5.8.	Adsorption kinetics of polyphenols onto PHBAC	70
CHAPTER 5: INTEGRATED REMOVAL OF POLYPHENOLS FROM OLIVE MILLS WASTEWATE.....		71
5.1.	Integrated removal process using two batch stages in series	71
5.2.	Integrated removal process using batch single stage followed by fixed bed adsorber	74
5.3.	Fixed bed experimental procedures	74
5.3.1.	Effect of bed height on fixed bed performance	74
5.3.2.	Inflection point	74
5.3.3.	Saturation time	75
5.3.4.	Breakthrough adsorption capacity	76
5.3.5.	Saturation capacity (q _s)	76
5.3.6.	Total removal efficiency	76
5.3.7.	Empty bed contact time (EBCT)	77
5.3.8.	Fixed bed modeling	77
CONCLUSION AND RECOMMENDATIONS		81
REFERENCES		82

List of Tables

Table 3.1:	Waste water sample characterizations	28
Table 3.2:	Peanut husk analysis	28
Table 4.1:	Empirical parameters of Freundlich model for peanut husk	54
Table 4.2:	Fitting adsorption of polyphenols to Temkin isotherm model	55
Table 4.3:	Reaction models parameters for phenols adsorption onto peanut husk	57
Table 4.4:	Yield for produced A.C from different activation methods	59
Table 4.5:	Removal efficiencies for different activated carbons produced from different activation methods	60
Table 4.6:	Optimum Operating Condition for adsorption process for both peanut husk and peanut husk activated carbon	63
Table 4.7:	Reaction models parameters for phenols adsorption onto PHBAC	70
Table 5.1:	Operating conditions for fixed bed used in removal of polyphenolic compounds from OMWW	75
Table 5.2:	Empirical models parameters for total phenols adsorption onto PHBAC in fixed bed	80
Table 5.3:	Yoon-Nelson Models parameters before and after inflection point	80

List of Figures

Figure 2.1:	Comparison between three and two phase olive oil extraction systems	5
Figure 2.2:	Examples for polyphenolic compounds in OMWW	13
Figure 2.3:	Different routes for activated carbon preparation	15
Figure 3.1	Three phase separator at olive mill factory	27
Figure 3.2:	Treatment lagoon at olive mill factory	27
Figure 3.3:	Ion exchange apparatus	34
Figure 3.4:	Calibration curve	36
Figure 4.1:	SEM for peanut husk before adsorption at 1000x	41
Figure 4.2:	SEM for peanut husk after adsorption at 1000x	41
Figure 4.3:	FTIR for native peanut husk	43
Figure 4.4:	SEM image PHBAC before adsorption at 3500x	44
Figure 4.5:	SEM image PHBAC after adsorption at 3500x	44
Figure 4.6:	FTIR analysis for PHBAC	45
Figure 4.7:	Adsorption isotherm of N ₂ on activated carbon at STP	46
Figure 4.8:	Variation of relative pressure with N ₂ volume adsorbed	46
Figure 4.9:	Pore size distribution	47
Figure 4.10:	Effect of OMWW pH value on percent removal of polyphenols	48
Figure 4.11:	Effect of initial concentration on removal percentage	49
Figure 4.12:	Effect of adsorbent/ adsorbate ratio on polyphenols removal	49
Figure 4.13:	Relation between removal percentage, equilibrium capacity and adsorbent dose	50
Figure 4.14:	Contact time effect on polyphenols removal by peanut husk	50
Figure 4.15:	Effect of agitation speed on adsorption based on peanut husk	51
Figure 4.16:	Effect of peanut husk particles size on percent removal	52
Figure 4.17:	Effect of initial total phenols concentration on adsorption capacity	52
Figure 4.18:	Isotherm for adsorption of phenols from OMWW on peanut husk	53

Figure 4.19:	Fitting adsorption of polyphenols on husk to Langmuir model	53
Figure 4.20:	Fitting adsorption of polyphenols on peanut husk to Freundlich isotherm model	54
Figure 4.21:	Fitting adsorption of polyphenols on peanut husk to liquid film diffusion model	55
Figure 4.22:	Dumwald- Wagner model for adsorption of polyphenols onto peanut husk	56
Figure 4.23:	Webber - Morris model for adsorption of polyphenols onto peanut husk	56
Figure 4.24:	Pseudo- first order reaction model for adsorption of polyphenols onto peanut husk	57
Figure 4.25:	Pseudo- second order reaction model for adsorption of polyphenols onto peanut husk	57
Figure 4.26::	Second order reaction model for adsorption of polyphenols onto peanut husk	58
Figure 4.27:	Elovich kinetics model for polyphenols adsorption on peanut husk	58
Figure 4.28:	Yield for produced A.C from different activation methods	59
Figure 4.29:	Removal efficiency for different A.C with different activating agent	60
Figure 4.30:	Effect of pH value on percent removal of phenols by PHBAC	61
Figure 4.31:	Effect of polyphenols initial concentration on removal efficiency of phenols by PHBAC	62
Figure 4.32:	Effect of adsorbent dose on percent removal efficiency of phenols by PHBAC	63
Figure 4.33:	Relation between dose of activated carbon and both of removal efficiency and adsorption capacity	63
Figure 4.34:	Change in percent removal of polyphenols with time	64
Figure 4.35:	Equilibrium relation (isotherm) for polyphenols adsorption on A.C	64
Figure 4.36:	Langmuir adsorption isotherm for polyphenols onto PHBAC	65
Figure 4.37:	Freundlich adsorption isotherm for polyphenols onto PHBAC	65
Figure 4.38:	Liquid film diffusion modeling for phenols- PHBAC system	66
Figure 4.39:	Webber- Morris intra particle diffusion modeling for phenols- PHBAC system	67

Figure 4.40:	Dumwald- Wagner intra particle diffusion modeling for phenols- PHBAC system	67
Figure 4.41:	Double exponential intra particle diffusion modeling for phenols- PHBAC system	68
Figure 4.42:	Pseudo first order reaction modeling for phenols- PHBAC system	68
Figure 4.43:	Pseudo second order modeling for phenols- PHBAC system	69
Figure 4.44:	Second order modeling for phenols- PHBAC system	69
Figure 4.45:	Effect of agitation on percent removal of polyphenols by A.C	70
Figure 5.1:	Peanut husk dose effect on percent removal of polyphenols	71
Figure 5.2:	Percent removal of polyphenols from full concentrated OMWW using peanut husk and 100 rpm agitation speed	72
Figure 5.3:	Effect of activated carbon dose on percent removal of polyphenols	72
Figure 5.4:	Polyphenols removal rate at 300 rpm agitation speed and 30% I.C	73
Figure 5.5:	Two batch processes in series	73
Figure 5.6:	Batch process followed by continuous removal process	74
Figure 5.7:	Breakthrough curve for different bed heights	75
Figure 5.8:	Thomas (or Bohart- Adams) model fitting for polyphenols adsorption on A.C	77
Figure 5.9:	Wolborska model fitting for polyphenols adsorption on A.C	77
Figure 5.10:	Yoon-Nelson model fitting for polyphenols adsorption on A.C	78
Figure 5.11:	Fixed bed adsorption modeling before and after inflection point (Thomas)	79
Figure 5.12:	Fixed bed modeling before and after inflection (Yoon-Nelson)	79