

UNIVERSITI TEKNOLOGI MARA

SCREENING THE ALTERNATIVE FOR ITLC-SG

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TABLE OF CONTENTS

	Page
TITLE PAGE	
APPROVAL	
ACKOWLEGDEMENT	ii
TABLE OF CONTENTS	iii
LIST OF TABLES	v
LIST OF ABBREVIATIONS	vi
ABSTRACT	vii
CHAPTER ONE (INTRODUCTION)	
1.1 Background of study	1
1.2 Objectives of study	2
CHAPTER TWO (LITERATURE REVIEW)	
2.1 Searching for alternative	3
2.2 Application of Tc ^{99m}	
2.2.1 ^{99m} Tc-Pyrophosphate	5
2.2.2 ^{99m} Tc-HMPAO	6
2.2.3 ^{99m} Tc- MAA	7
2.2.4 ^{99m} Tc-tetrofosmin	8
2.2.5 ^{99m} Tc- DTPA	8
2.2.6 ^{99m} Tc-colloidal rhenium sulphide	9
2.2.7 ^{99m} Tc-MAG3	10
2.2.8 ^{99m} Tc-DMSA	11
2.2.9 ^{99m} Tc-MDP	12
2.3 Paper Chromatography	13
2.3.1 Whatmann filter paper	13
2.3.2 ITLC-SG	14
CHAPTER THREE (METHODOLOGY)	
3.1 Preparation of radiopharmaceuticals	15
3.2 Radionuclide purity assay	
3.2.1 Solvents preparation	16
3.2.2 Stationary phase preparation	17
3.2.3 Strip preparation	17
3.2.4 Development of chromatogram	17
3.3 Result analysis	19
CHAPTER FOUR (RESULT)	
4.1 Accumulation of free pertechnetate	20
4.2 ^{99m} Tc-Colloidal rhenium sulphide	21
4.3 ^{99m} Tc-MAA	24
4.4 ^{99m} Tc-Nanocolloid	26
4.5 ^{99m} Tc-DMSA	28

4.6	^{99m}Tc -MDP	30
CHAPTER FIVE (DISCUSSION)		37
5.1	Particulate radiopharmaceuticals	38
5.1.1	^{99m}Tc -colloidal rhenium sulphide	38
5.1.2	^{99m}Tc -MAA	40
5.1.3	^{99m}Tc -nanocolloid	41
5.2	Polar radiopharmaceuticals	42
5.2.1	^{99m}Tc -DMSA	43
5.2.2	^{99m}Tc -MDP	44
CHAPTER SIX (CONCLUSION)		47
BIBLIOGRAPHY		49
APPENDIX		

ABSTRACT

The aim of our study is to screening the alternative for ITLC-SG. It is necessary to do this study due to the discontinuation of ITLC-SG in the market. The methods we used were several radiopharmaceuticals tested on different systems (stationary and mobile phase). The alternative methods were validated by comparing the result with established systems. The results showed that the radiopharmaceutical tested mostly produced positive result when Whatmann filter paper 1 (W1) was used as stationary phase. However the experiment was done basically at the very surface, in addition with certain limitation during the study. Further study should be done to ensure the validity of the result.