TABLE OF CONTENTS

LIST OF TABLES

LIST OF TABLES (Continued)

LIST OF TABLES (Continued)

LIST OF TABLES (Continued)

LIST OF ILLUSTRATIONS

LIST OF ILLUSTRATIONS (Continued)

LIST OF ABBREVIATIONS

%	=	Percentage
AUC	=	Area Under the Curve
CBP2020	=	Carbopol®980 NF
CBP940	=	Carbopol®940
CBP980	=	Carbopol®2020 ETD
cm	=	centimeter
cm^2	=	square centimeter
Com1	=	Commercial ketoprofen gel 1
Com2	=	Commercial ketoprofen gel 2
cP	=	centipoise
DI water	=	Deionized water
DSC	=	Differential Scanning Colorimetry
et al.	=	And others
ETOH	=	Ethanol
F	=	Formulation
g	=	Gram
H&C	=	Heating and cooling six cycles
HP, HPMC	=	Hydroxypropylmethylcellulose E4M
HPC	=	Hydroxypropylcellulose
HPLC	=	High Performance Liquid Chromatography
hr	=	Hour
KNa	=	Ketoprofen sodium
KP	=	Ketoprofen
LC	=	Liquid crystal

LIST OF ABBREVIATIONS (Continued)

L-LA	=	L-Lactic acid
mg	=	Milligram
min	=	Minute
ml	=	Milliliter
mm	=	Millimeter
nm	=	Nanometer
NSAID	=	Nonsteroidal anti-inflammatory drug
°C	=	Degree Celsius
PBS	=	Phosphate Buffer Saline
PEG	=	Polyethylene glycol
PG	=	Propylene glycol
pH	=	The negative logarithm of the hydrogen ion concentration
Q_{180min}	=	The cumulative amount of KP permeated within 180 min
R^2	=	Correlation coefficient
rpm	=	Revolution per minute
RSD	=	Relative Standard Deviation
RT	=	Room temperature for six months
SD	=	Standard deviation
TEA	=	Triethanolamine
TW80	=	Tween 80
UV	=	Ultraviolet
v/v	=	Volume by volume
w/w	=	Weight by weight
µg	=	Microgram
µm	=	Micrometer