CONTENTS

Page

Page

Page

LIST OF TABLES

Page

Page

Page

LIST OF ILLUSTRATIONS

Page

Page

Page

Page

Page

ABBREVIATIONS AND SYMBOLS

ARSR	anion self-regenerating suppressor
C	molar concentration
^{o}C	degree Celsius
CE	capillary electrophoresis
C_m	mobile phase concentration
C_s	stationary phase concentration
$\overline{D}$	mean of deviation
D_i	difference of results between two methods
et al.	and other people
F_{calc}	calculated F value
F_{table}	tabulated F table
g	gram
G	conductance
H	height equivalent to a theoretical plate
IC	ion chromatography
i.e.	that is
k	specific conductance
K	equilibrium constant
k'	capacity factor
KHP	potassium hydrogen phthalate
l	litre
L	detection limit
M	molar
MDQ	minimum detectable quantity

meq	milliequivalent
min	minute
ml	milliliter
mM	millimolar
MW	molecular weight
m_x	amount of compound
n	noise signal
N	number of theoretical plates
NF	not found
ng	nanogram
nm	nanometer
psi	pound per square inch
R	resolution
%R	percent recovery
RSD	relative standard deviation
SCIC	single column ion chromatography
SD	standard deviation
sec	second
T	asymmetry factor
t_o	dead time
t_{calc}	calculated t value
t_R	retention time
t_{table}	tabulated t table
UV-VIS	ultraviolet-visible
V_o	dead volume

V_m	mobile phase volume
V_R	retention volume
V_s	stationary phase volume
w	peak width at base
$w_{0.5}$	peak width at half height
z	valence
μ	mobile phase velocity
μeq	microequivalent
μl	microlitre
μm	micrometer
μS	microsiemens
Λ_0	equivalent ionic conductance
α	relative retention
ν	degree of freedom