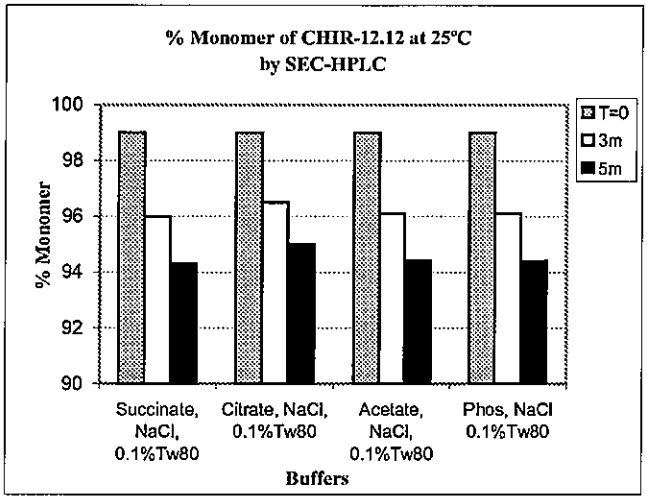

% Monomer of CHIR-12.12 at 25°C
by SEC-HPLC
100
98
96
94
92
90
% Monomer
T=0
3m
5m
Succinate, NaCl, 0.1%Tw80
Citrate, NaCl, 0.1%Tw80
Acetate, NaCl, 0.1%Tw80
Phos, NaCl 0.1%Tw80
Buffers

FIGURE 1

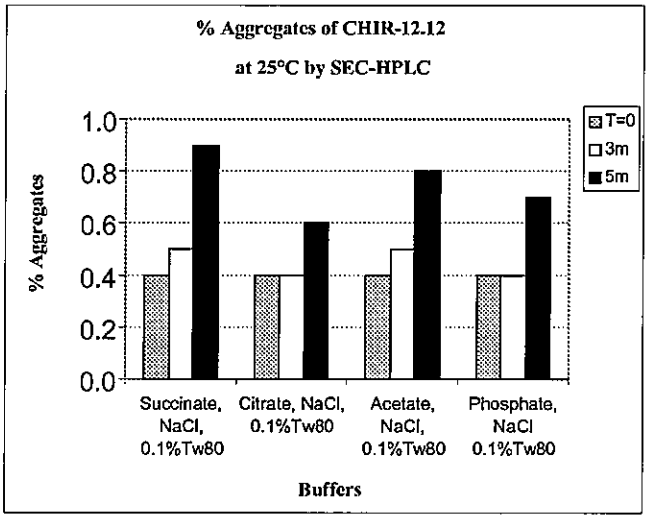

% Aggregates of CHIR-12.12
at 25°C by SEC-HPLC
% Aggregates
1.0
0.8
0.6
0.4
0.2
0.0
T=0
3m
5m
Succinate, NaCl, 0.1%Tw80
Citrate, NaCl, 0.1%Tw80
Acetate, NaCl, 0.1%Tw80
Phosphate, NaCl 0.1%Tw80
Buffers

FIGURE 2

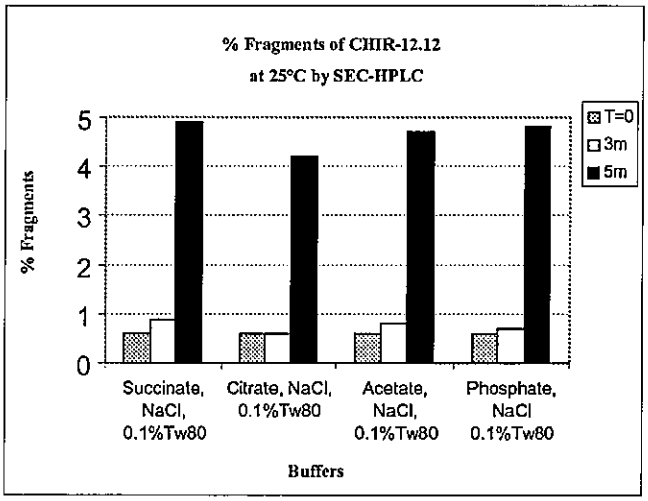

% Fragments of CHIR-12.12
at 25°C by SEC-HPLC
% Fragments
5
4
3
2
1
0
T=0
3m
5m
Succinate, NaCl, 0.1%Tw80
Citrate, NaCl, 0.1%Tw80
Acetate, NaCl, 0.1%Tw80
Phosphate, NaCl 0.1%Tw80
Buffers

FIGURE 3

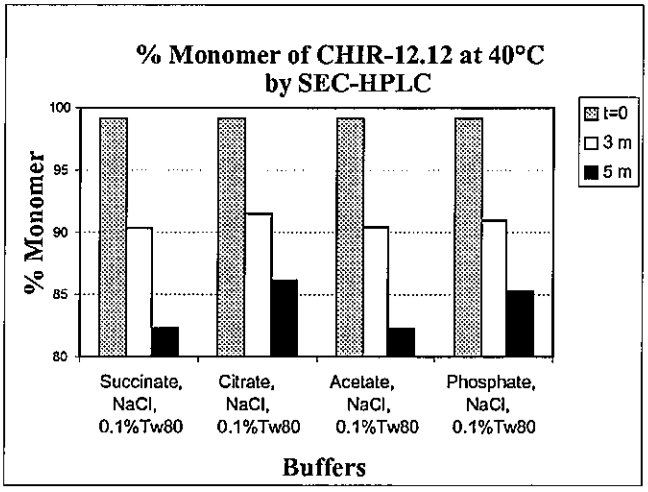

% Monomer of CHIR-12.12 at 40°C by SEC-HPLC
% Monomer
100
95
90
85
80
t=0
3 m
5 m
Succinate, NaCl, 0.1%Tw80
Citrate, NaCl, 0.1%Tw80
Acetate, NaCl, 0.1%Tw80
Phosphate, NaCl, 0.1%Tw80
Buffers

FIGURE 4

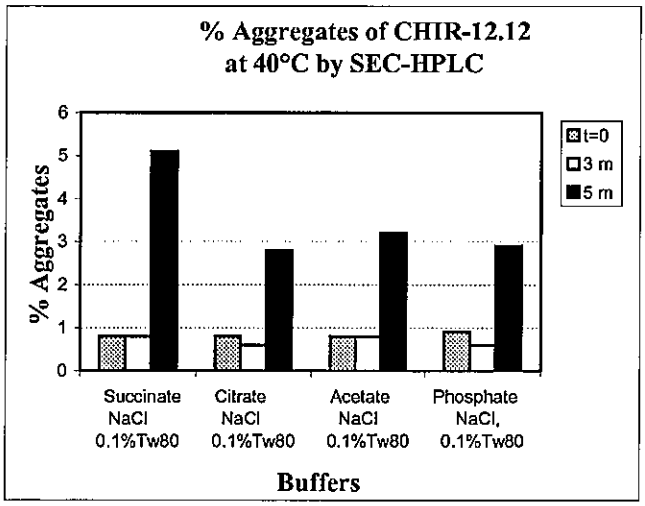

% Aggregates of CHIR-12.12
at 40°C by SEC-HPLC
% Aggregates
0
1
2
3
4
5
6
t=0
3 m
5 m
Succinate NaCl 0.1%Tw80
Citrate NaCl 0.1%Tw80
Acetate NaCl 0.1%Tw80
Phosphate NaCl, 0.1%Tw80
Buffers

FIGURE 5

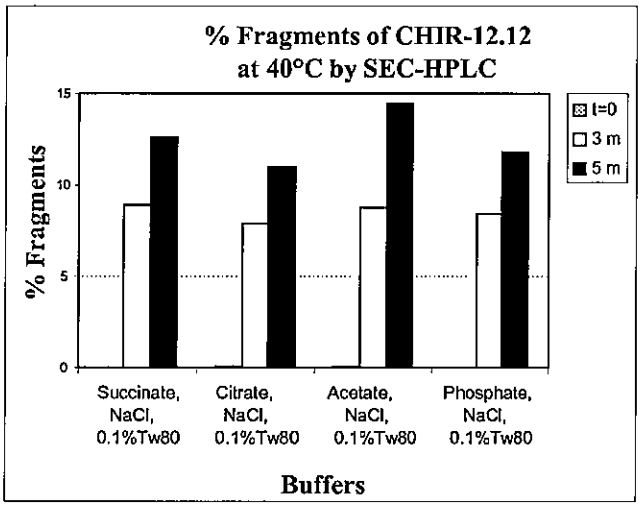

% Fragments of CHIR-12.12
at 40°C by SEC-HPLC
% Fragments
15
10
5
0
t=0
3 m
5 m
Succinate, NaCl, 0.1%Tw80
Citrate, NaCl, 0.1%Tw80
Acetate, NaCl, 0.1%Tw80
Phosphate, NaCl, 0.1%Tw80
Buffers

FIGURE 6

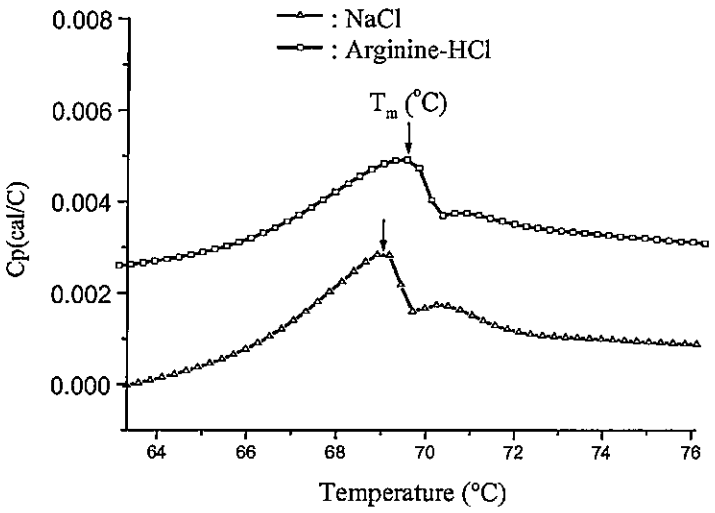

: NaCl
: Arginine-HCl
T_m (°C)
0.008
0.006
0.004
0.002
0.000
Cp(cal/C)
64
66
68
70
72
74
76
Temperature (°C)

FIGURE 7

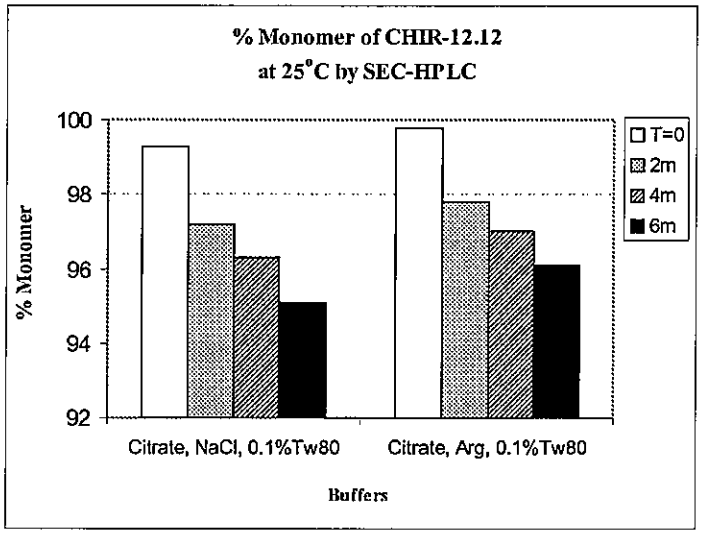

% Monomer of CHIR-12.12
at 25°C by SEC-HPLC
100
98
96
94
92
% Monomer
T=0
2m
4m
6m
Citrate, NaCl, 0.1%Tw80
Citrate, Arg, 0.1%Tw80
Buffers

FIGURE 8

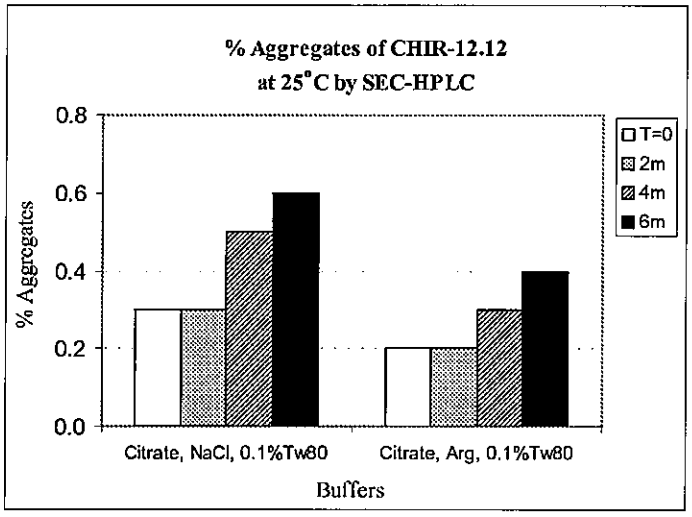

% Aggregates of CHIR-12.12
at 25°C by SEC-HPLC
0.8
0.6
0.4
0.2
0.0
% Aggregates
T=0
2m
4m
6m
Citrate, NaCl, 0.1%Tw80
Citrate, Arg, 0.1%Tw80
Buffers

FIGURE 9

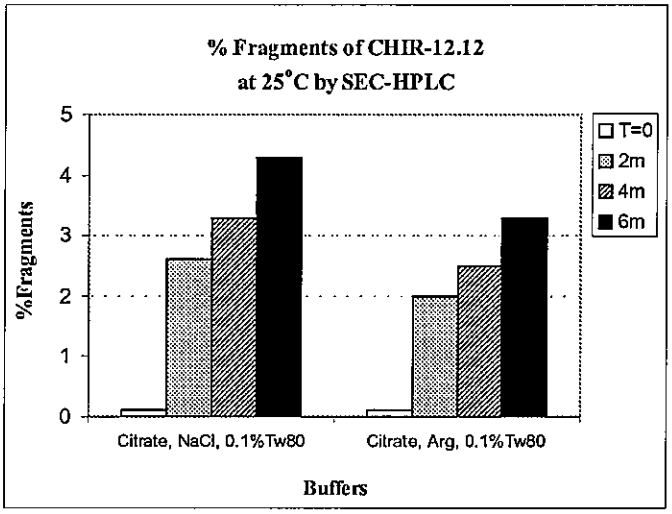

% Fragments of CHIR-12.12
at 25°C by SEC-HPLC
%Fragments
5
4
3
2
1
0
T=0
2m
4m
6m
Citrate, NaCl, 0.1%Tw80
Citrate, Arg, 0.1%Tw80
Buffers

FIGURE 10

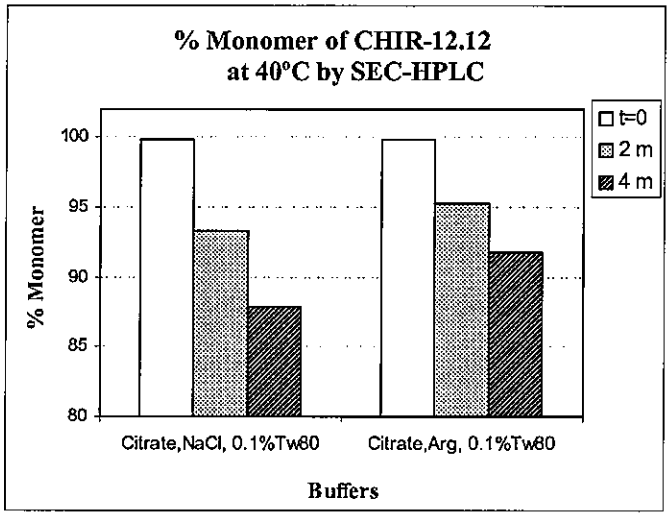

% Monomer of CHIR-12.12
at 40°C by SEC-HPLC
t=0
2 m
4 m
100
95
90
85
80
% Monomer
Citrate,NaCl, 0.1%Tw80
Citrate,Arg, 0.1%Tw80
Buffers

FIGURE 11

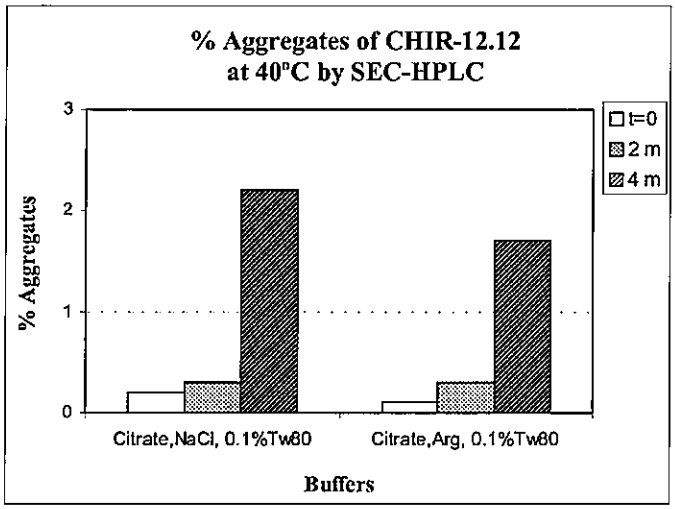

% Aggregates of CHIR-12.12
at 40°C by SEC-HPLC
3
2
1
0
% Aggregates
t=0
2 m
4 m
Citrate,NaCl, 0.1%Tw80
Citrate,Arg, 0.1%Tw80
Buffers

FIGURE 12

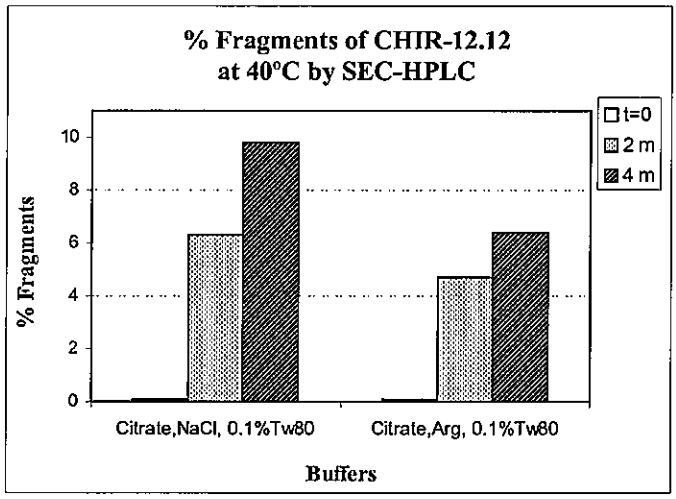

% Fragments of CHIR-12.12
at 40°C by SEC-HPLC
t=0
2 m
4 m
% Fragments
10
8
6
4
2
0
Citrate,NaCl, 0.1%Tw80
Citrate,Arg, 0.1%Tw80
Buffers

FIGURE 13

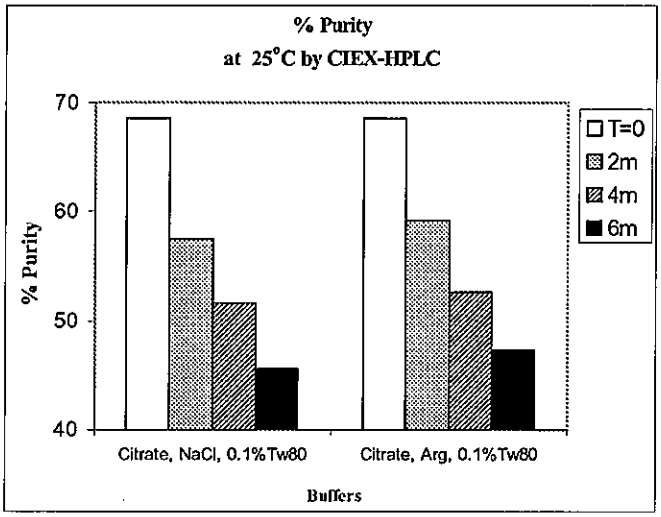

% Purity
at 25°C by CIEX-HPLC
70
60
50
40
% Purity
T=0
2m
4m
6m
Citrate, NaCl, 0.1%Tw80
Citrate, Arg, 0.1%Tw80
Buffers

FIGURE 14

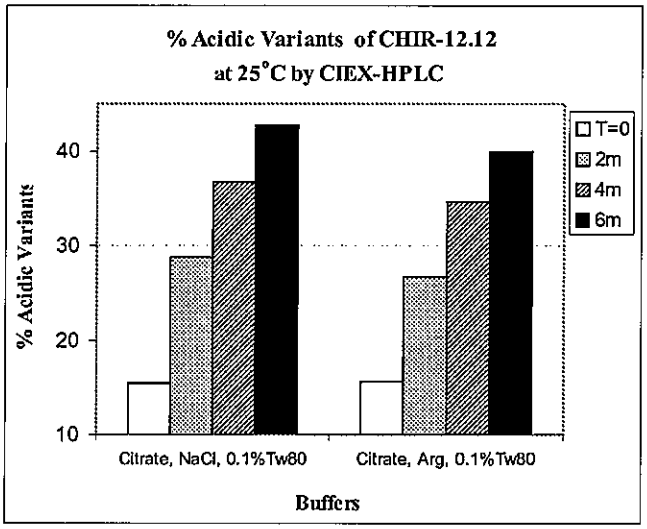

% Acidic Variants of CHIR-12.12
at 25°C by CIEX-HPLC
% Acidic Variants
40
30
20
10
T=0
2m
4m
6m
Citrate, NaCl, 0.1%Tw80
Citrate, Arg, 0.1%Tw80
Buffers

FIGURE 15

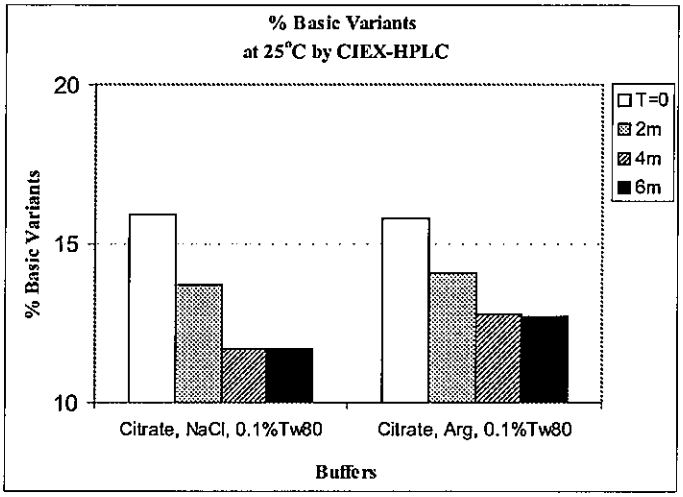

% Basic Variants
at 25°C by CIEX-HPLC
20
15
10
% Basic Variants
T=0
2m
4m
6m
Citrate, NaCl, 0.1%Tw80
Citrate, Arg, 0.1%Tw80
Buffers

FIGURE 16