Figure 1

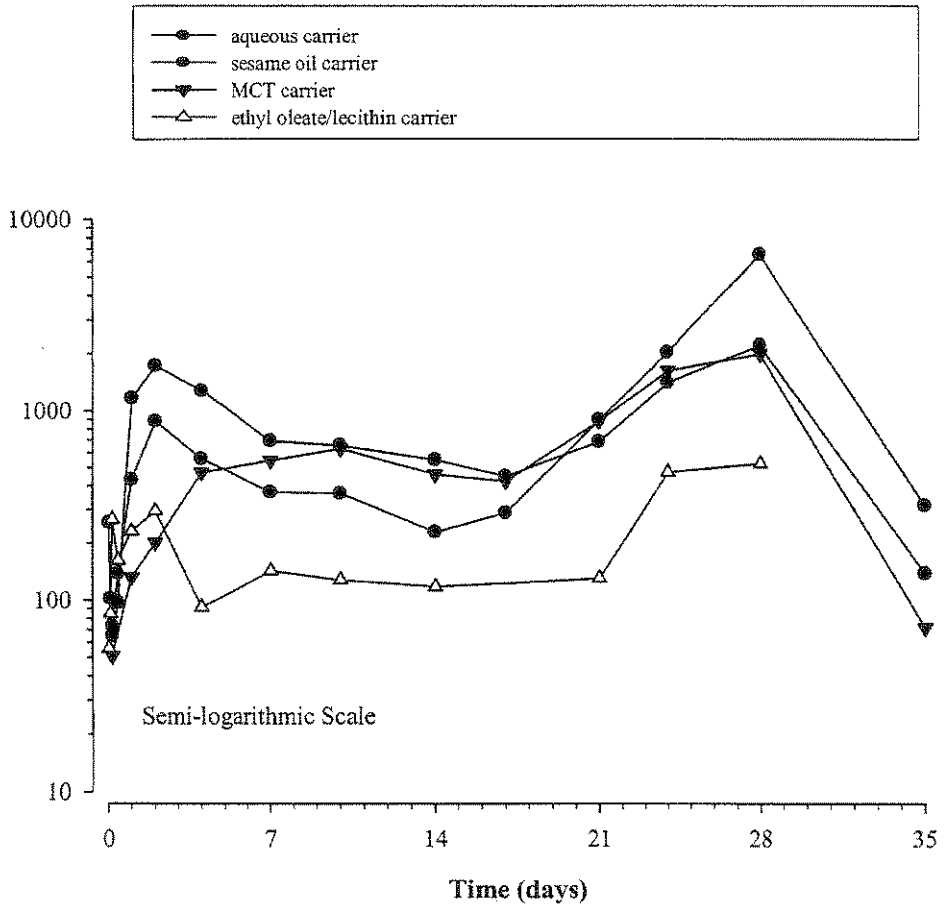

aqueous carrier
sesame oil carrier
MCT carrier
ethyl oleate/lecithin carrier
10000
1000
100
10
Semi-logarithmic Scale
0
7
14
21
28
35
Time (days)

Figure 2

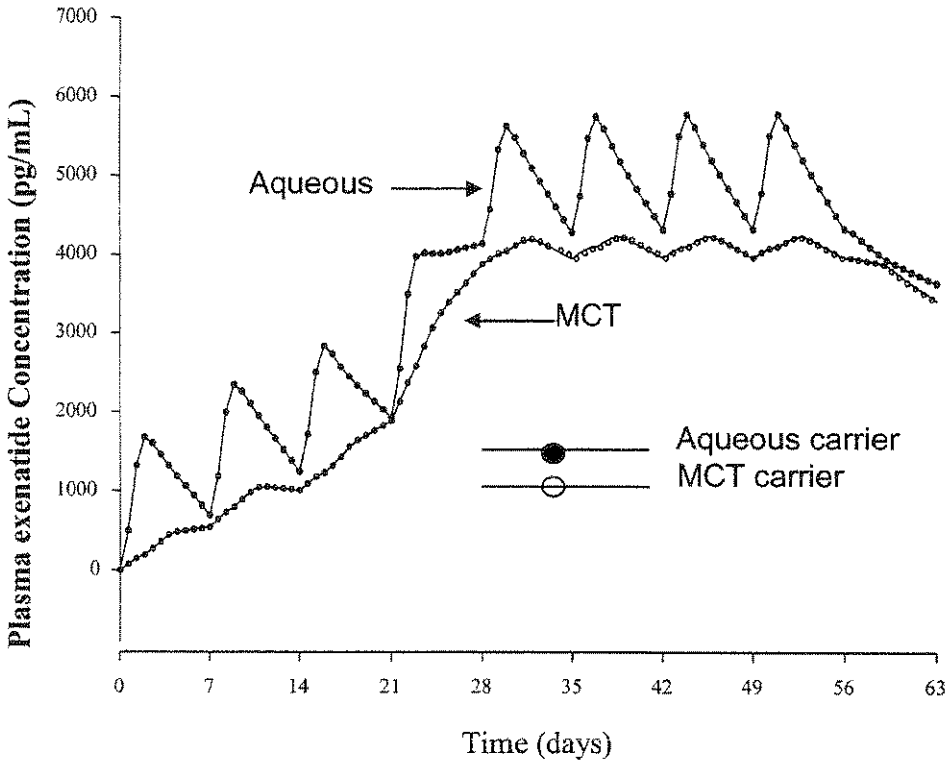

Plasma exenatide Concentration (pg/mL)
7000
6000
5000
4000
3000
2000
1000
0
Aqueous
MCT
Aqueous carrier
MCT carrier
0
7
14
21
28
35
42
49
56
63
Time (days)

Figure 3

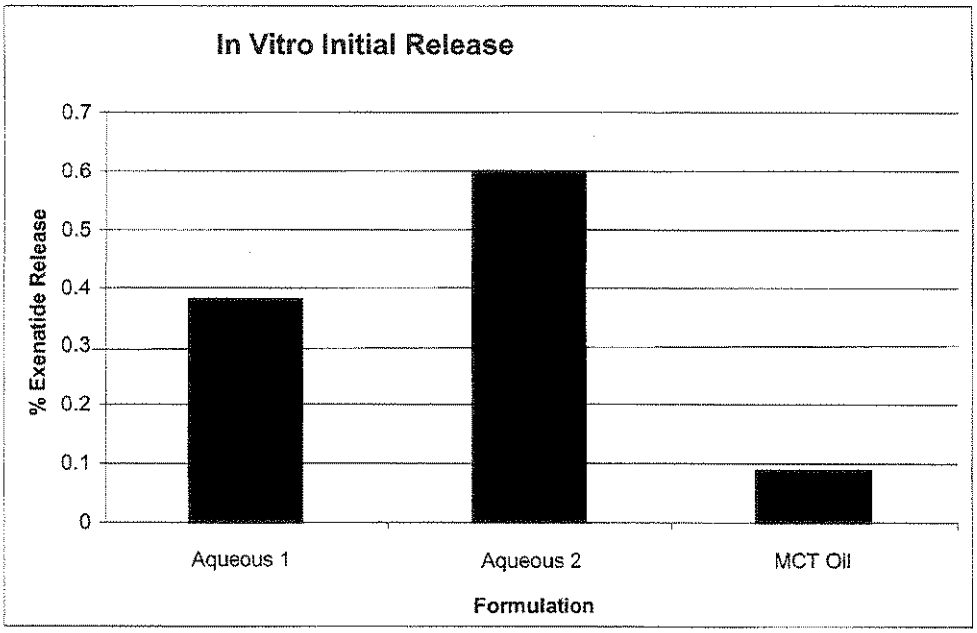

In Vitro Initial Release
% Exenatide Release
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Aqueous 1
Aqueous 2
MCT Oil
Formulation

Figure 4

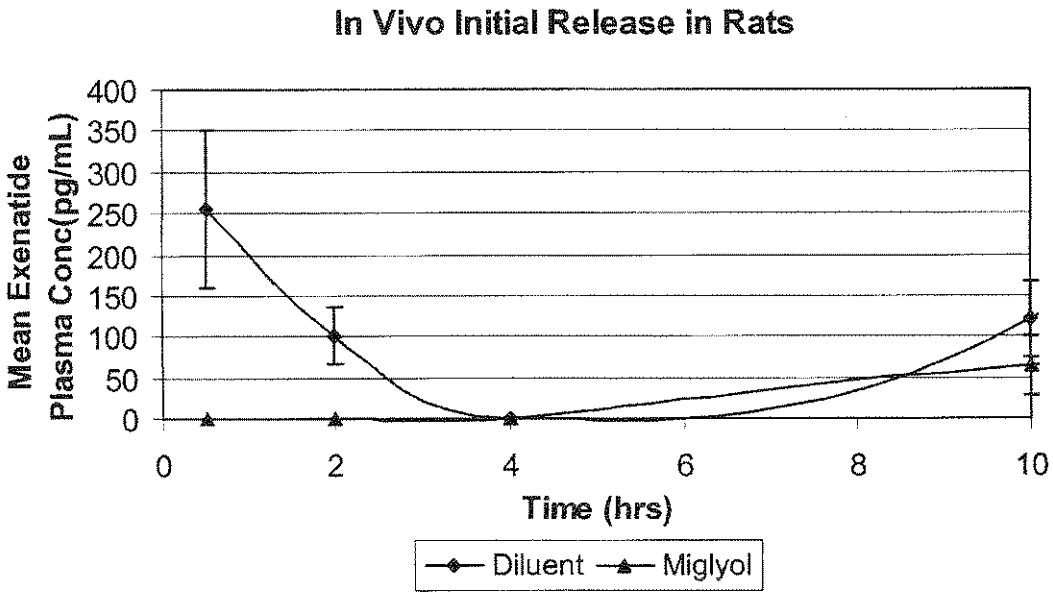

In Vivo Initial Release in Rats
Mean Exenatide Plasma Conc(pg/mL)
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
Time (hrs)
Diluent
Miglyol

Figure 5A

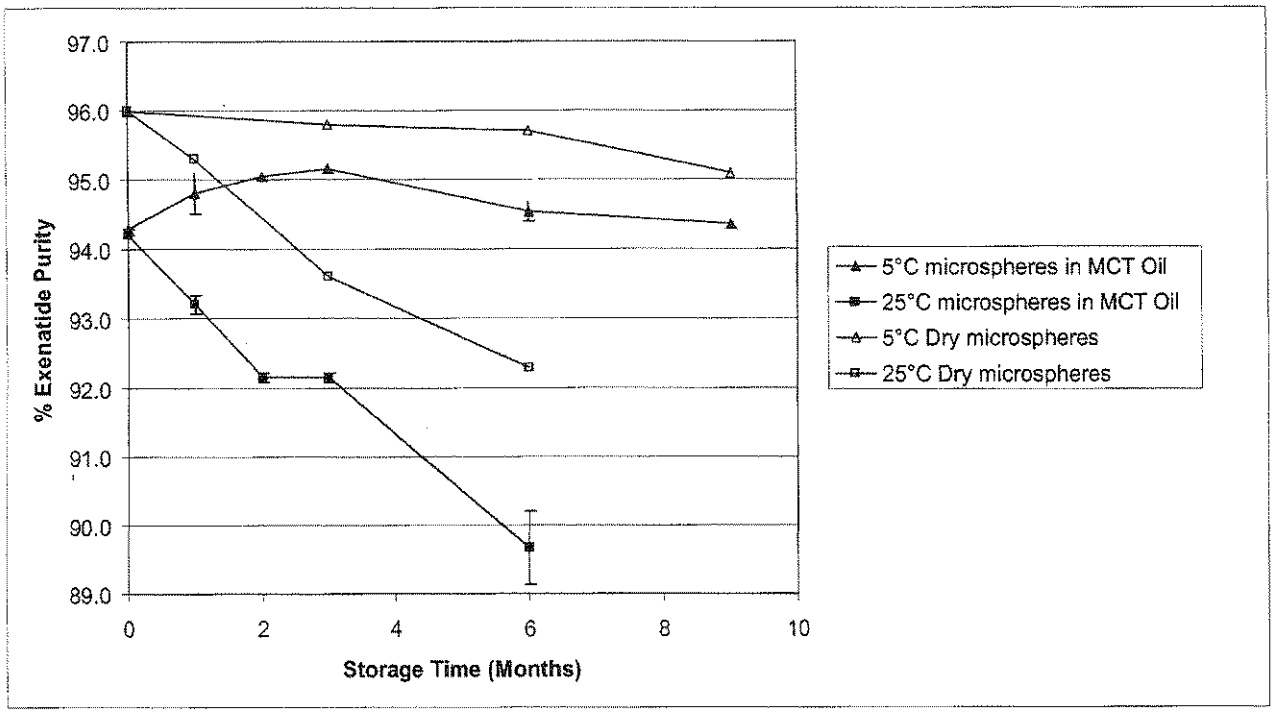

97.0
96.0
95.0
94.0
93.0
92.0
91.0
90.0
89.0
% Exenatide Purity
0
2
4
6
8
10
Storage Time (Months)
5°C microspheres in MCT Oil
25°C microspheres in MCT Oil
5°C Dry microspheres
25°C Dry microspheres

Figure 5B

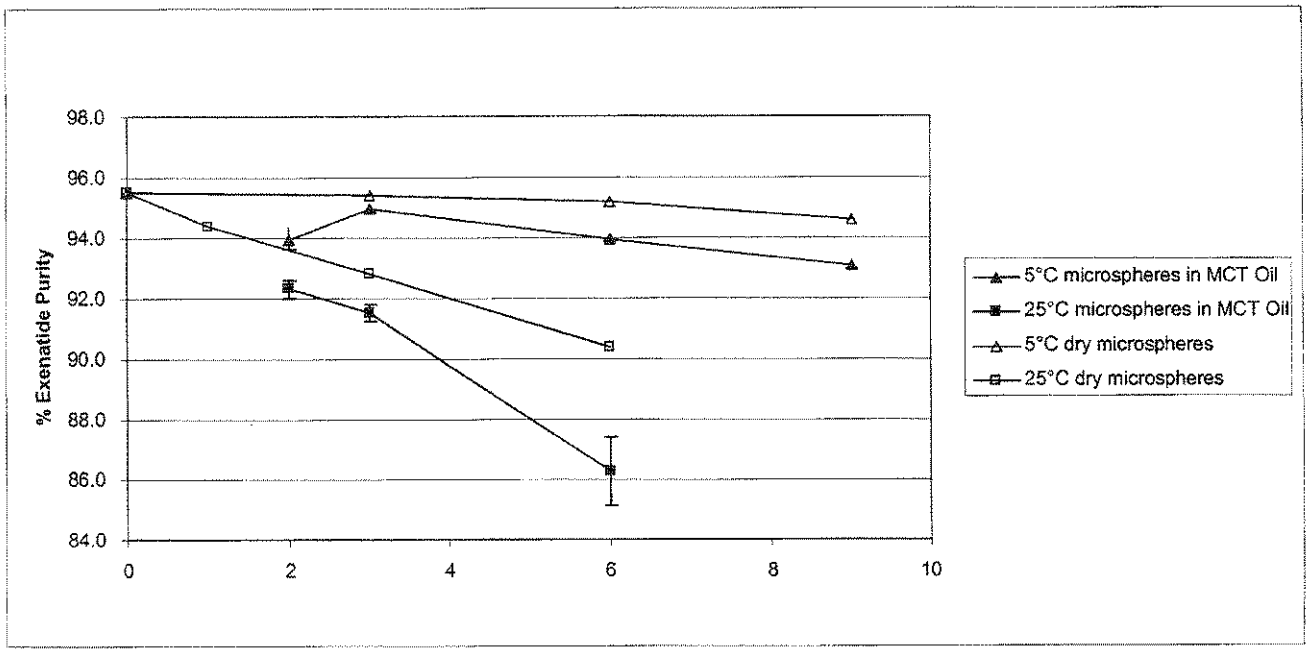
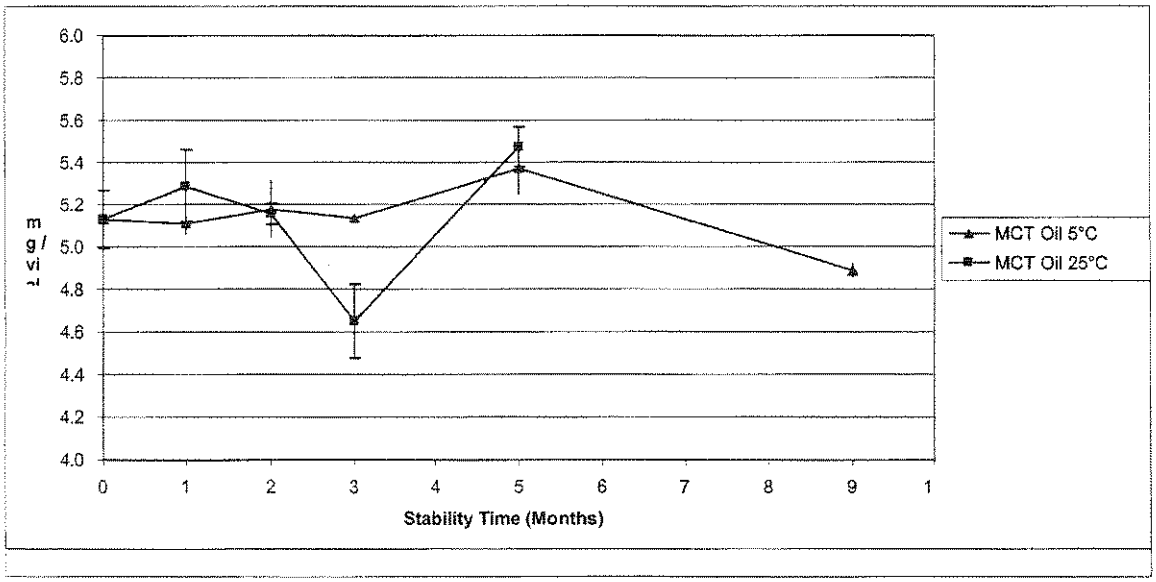

98.0
96.0
94.0
92.0
90.0
88.0
86.0
84.0
% Exenatide Purity
0
2
4
6
8
10
5°C microspheres in MCT Oil
25°C microspheres in MCT Oil
5°C dry microspheres
25°C dry microspheres

Figure 6


6.0
5.8
5.6
5.4
5.2
5.0
4.8
4.6
4.4
4.2
4.0
0
1
2
3
4
5
6
7
8
9
1
Stability Time (Months)
MCT Oil 5°C
MCT Oil 25°C