Table 1

Solvent	Solubility of WX-UK1 [mg/ml]
Water	5.2
5% D-glucose	6.6
0.9% NaCl solution	1.3
Propylene glycol	> 100
Polyethylene glycol 400	> 100
10% propylene glycol in water	16
40% propylene glycol in water	78
10% ethanol in water	22
Propylene glycol/ethanol/water 60/15/25	> 108
Propylene glycol/ethanol/water 40/10/50	> 100
Propylene glycol/ethanol/water 20/5/75	47
Propylene glycol/ethanol/water 10/10/80	38

Figure 1

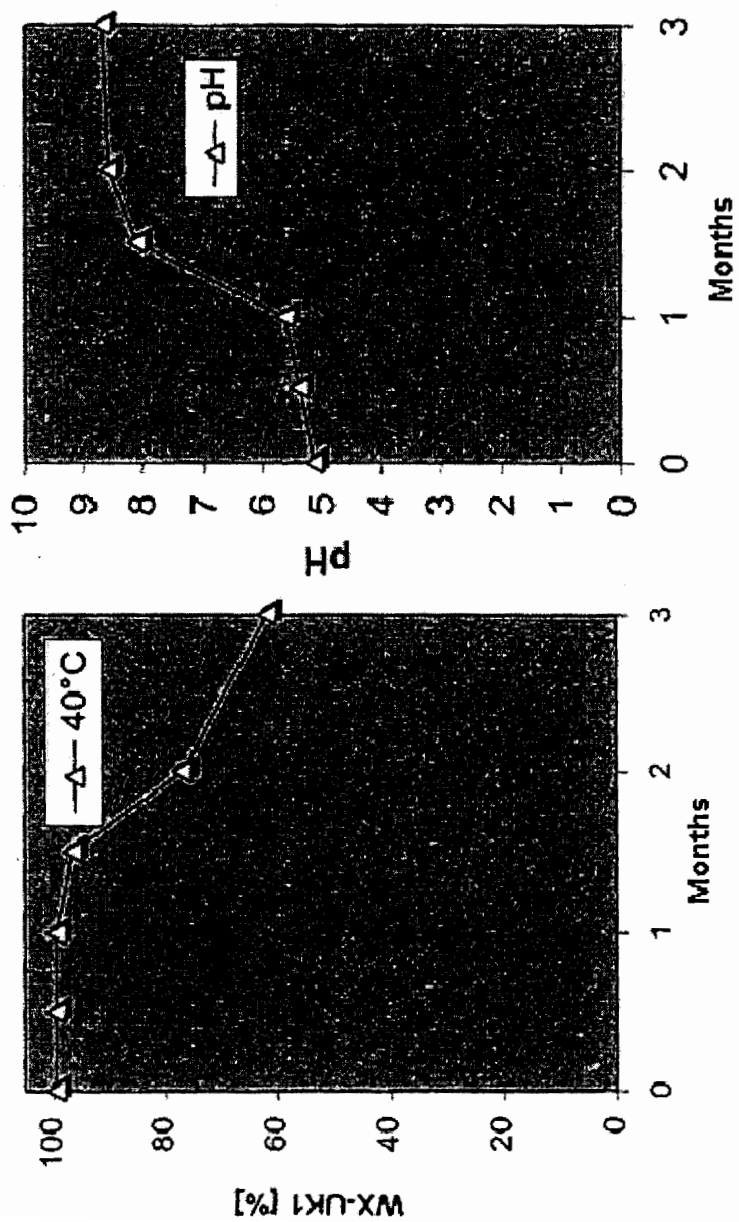


Figure 2

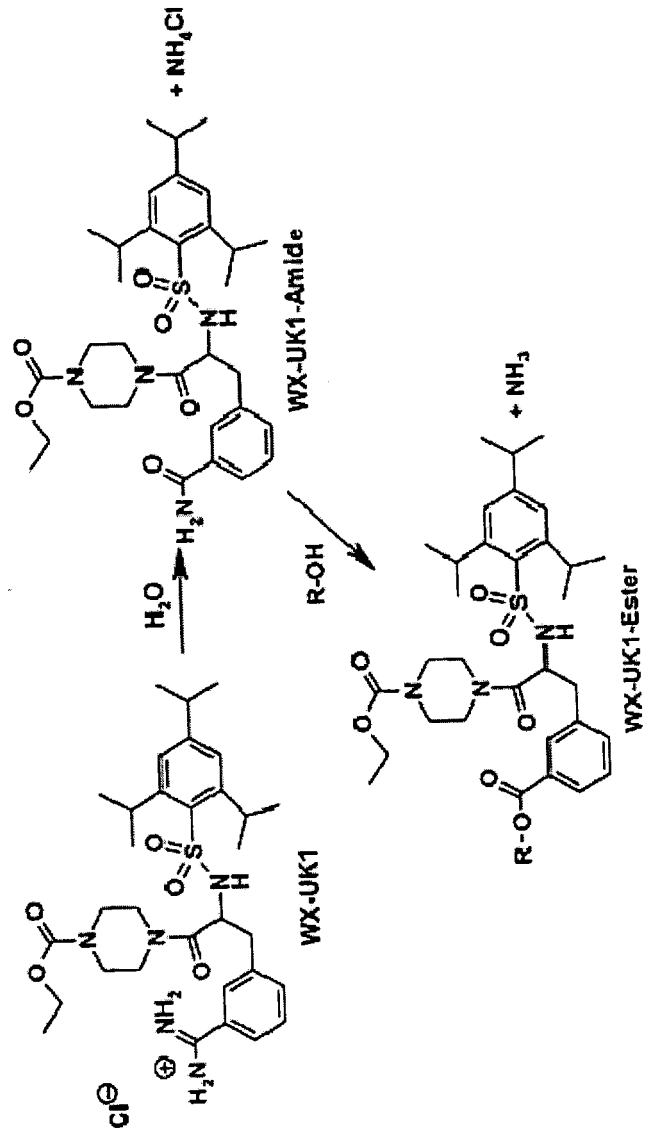


Figure 3

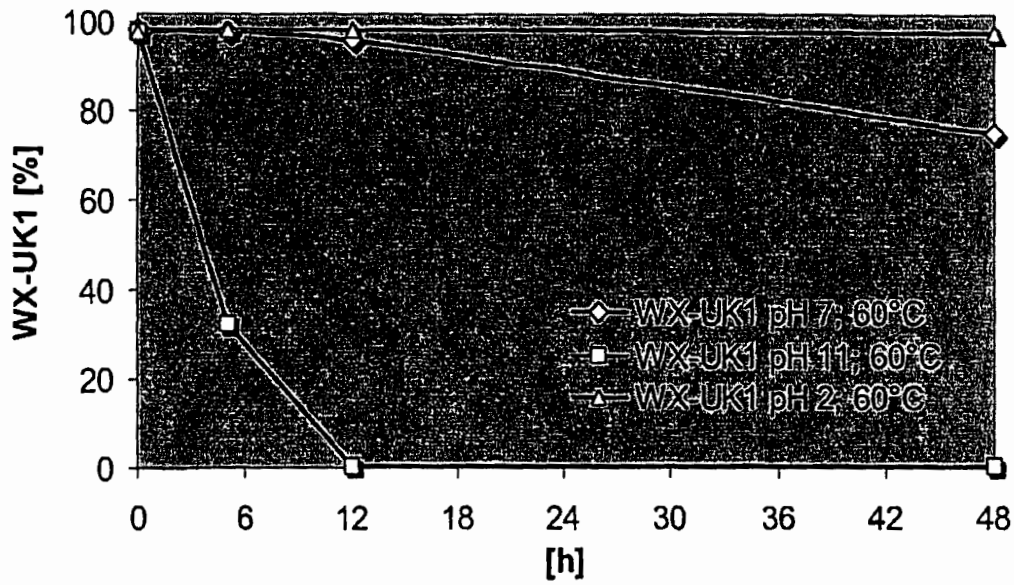

100
80
60
40
20
0
WX-UK1 [%]
0
6
12
18
24
30
36
42
48
[h]
WX-UK1 pH 7; 60°C
WX-UK1 pH 11; 60°C
WX-UK1 pH 2; 60°C

Figure 4

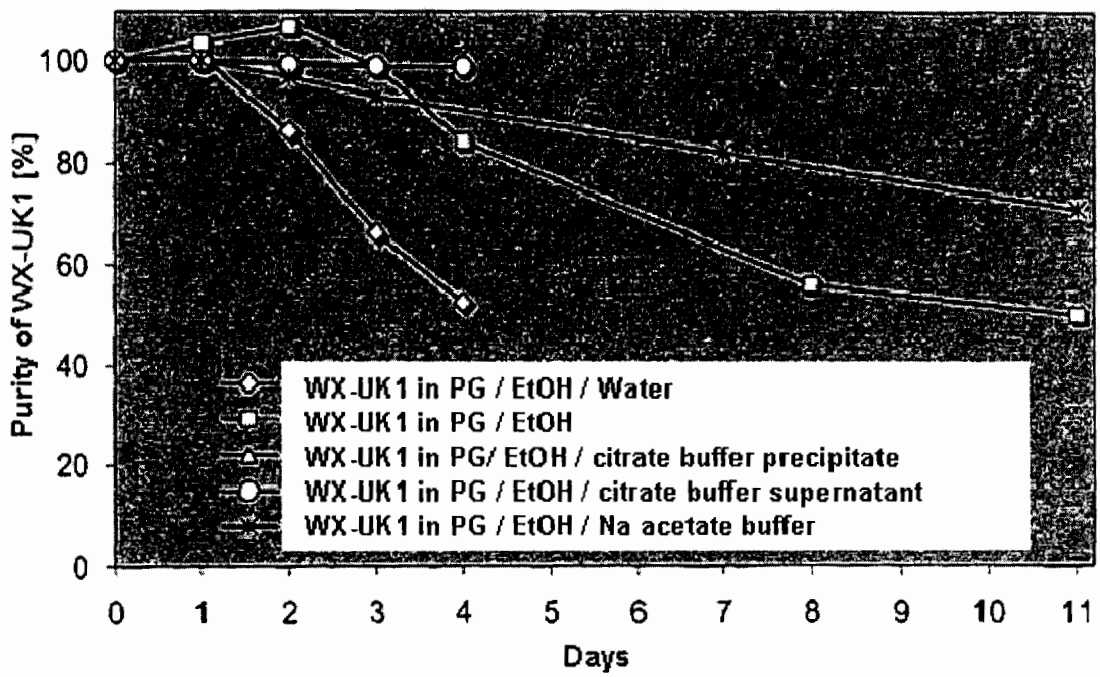

Purity of WX-UK1 [%]
100
80
60
40
20
0
0
1
2
3
4
5
6
7
8
9
10
11
Days
WX-UK1 in PG / EtOH / Water
WX-UK1 in PG / EtOH
WX-UK1 in PG/ EtOH / citrate buffer precipitate
WX-UK1 in PG / EtOH / citrate buffer supernatant
WX-UK1 in PG / EtOH / Na acetate buffer

Figure 5

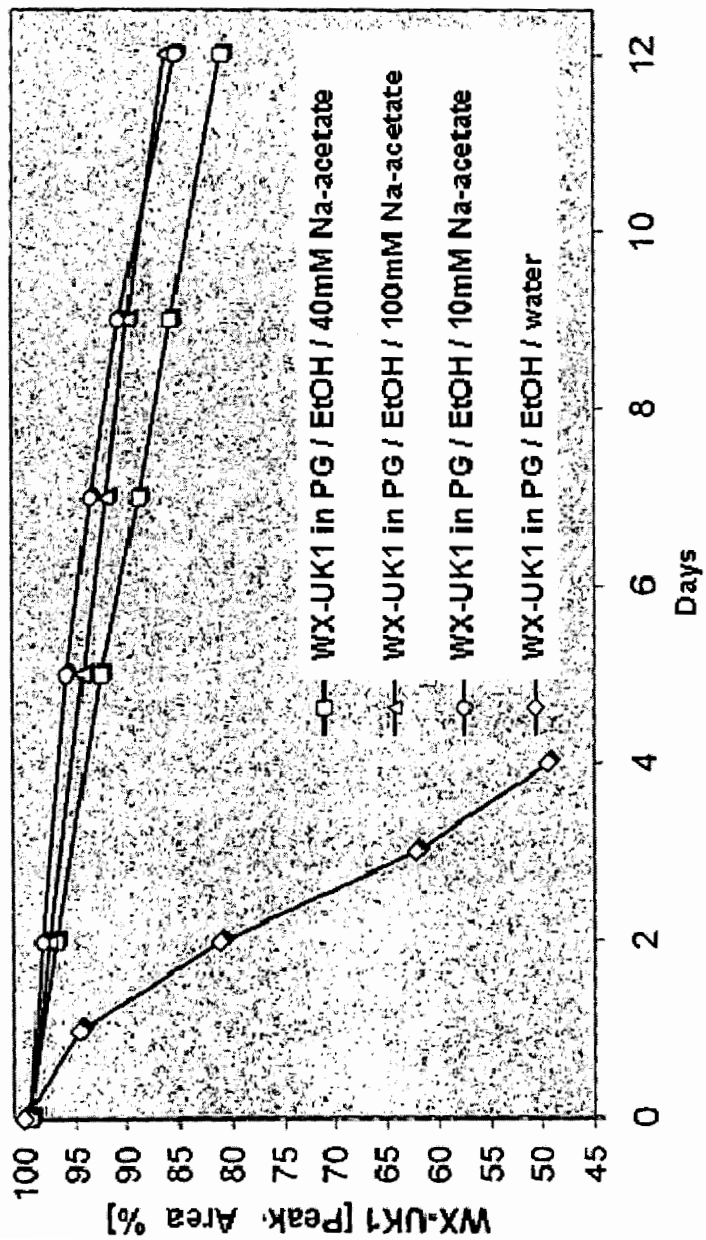
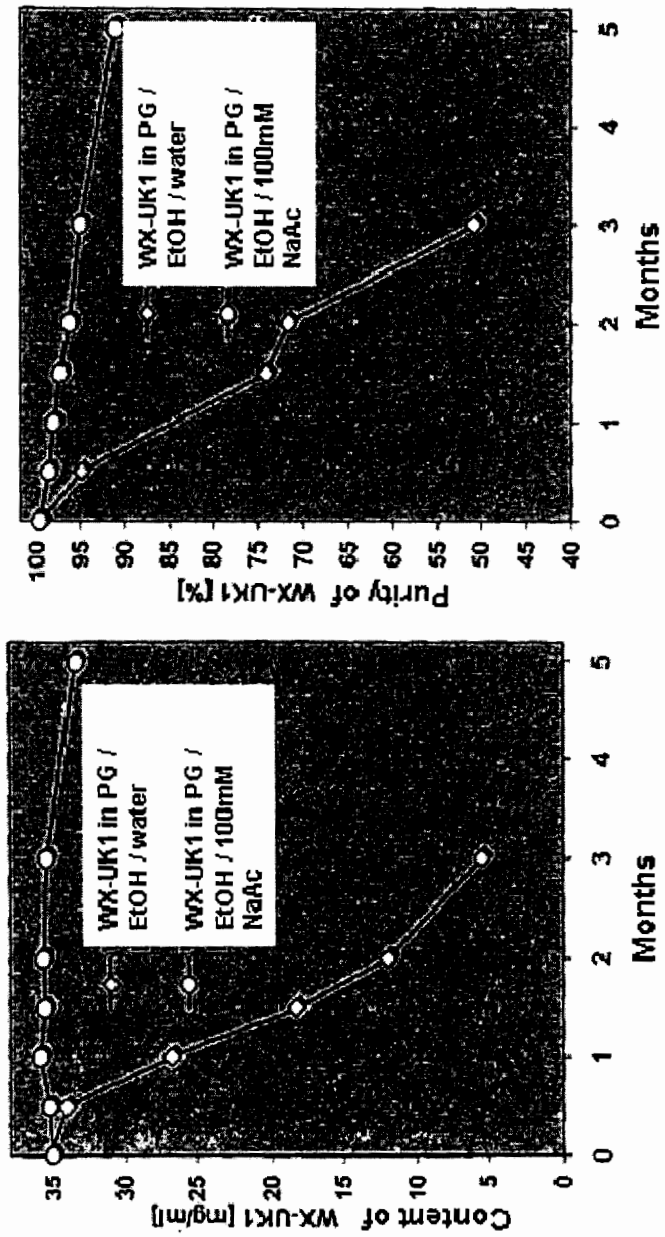

WX-UK1 [Peak Area %]
100
95
90
85
80
75
70
65
60
55
50
45
0
2
4
6
8
10
12
Days
WX-UK1 in PG / EtOH / 40mM Na-acetate
WX-UK1 in PG / EtOH / 100mM Na-acetate
WX-UK1 in PG / EtOH / 10mM Na-acetate
WX-UK1 in PG / EtOH / water

Figure 6


Purity of WX-UK1 [%]
100
95
90
85
80
75
70
65
60
55
50
45
40
0
1
2
3
4
5
Months
WX-UK1 in PG / EtOH / water
WX-UK1 in PG / EtOH / 100mM NaAc
Content of WX-UK1 [mg/ml]
35
30
25
20
15
10
5
0
0
1
2
3
4
5
Months
WX-UK1 in PG / EtOH / water
WX-UK1 in PG / EtOH / 100mM NaAc