Fig.1

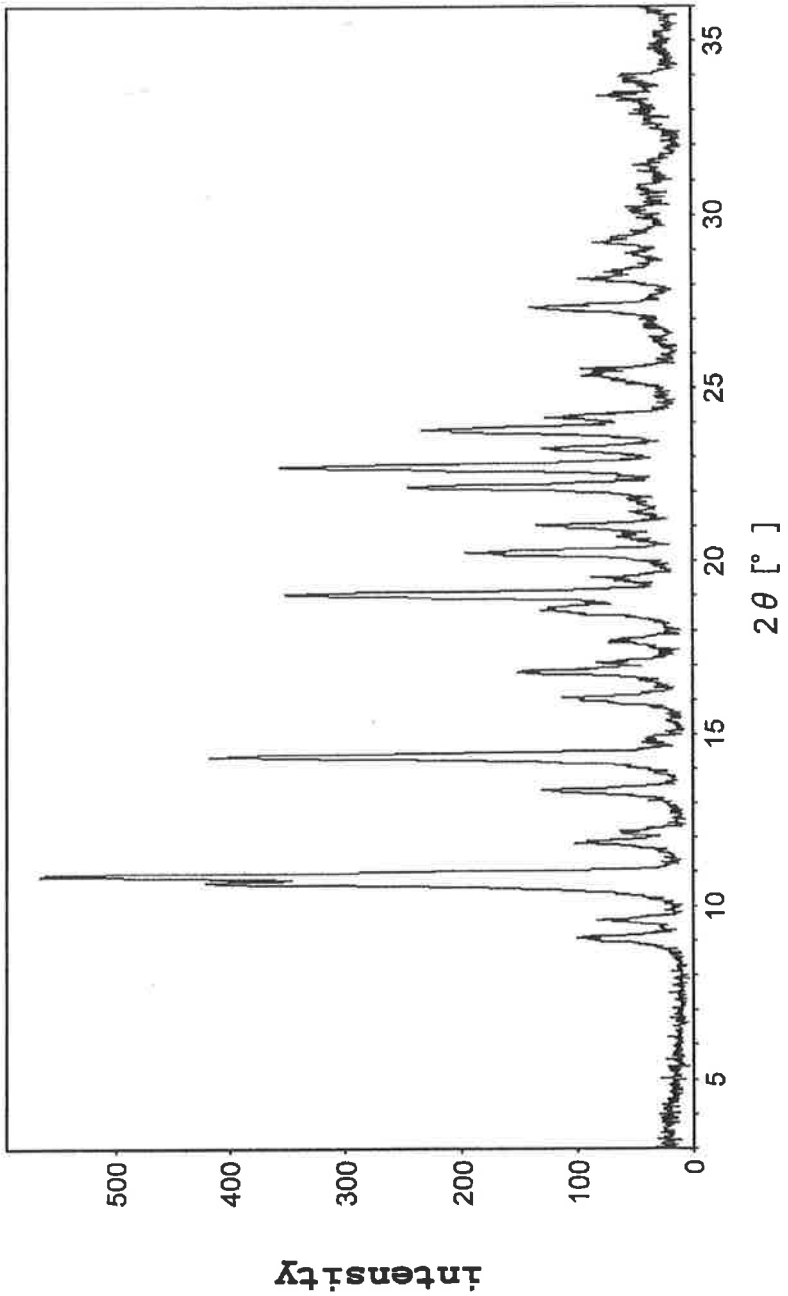


Fig.2

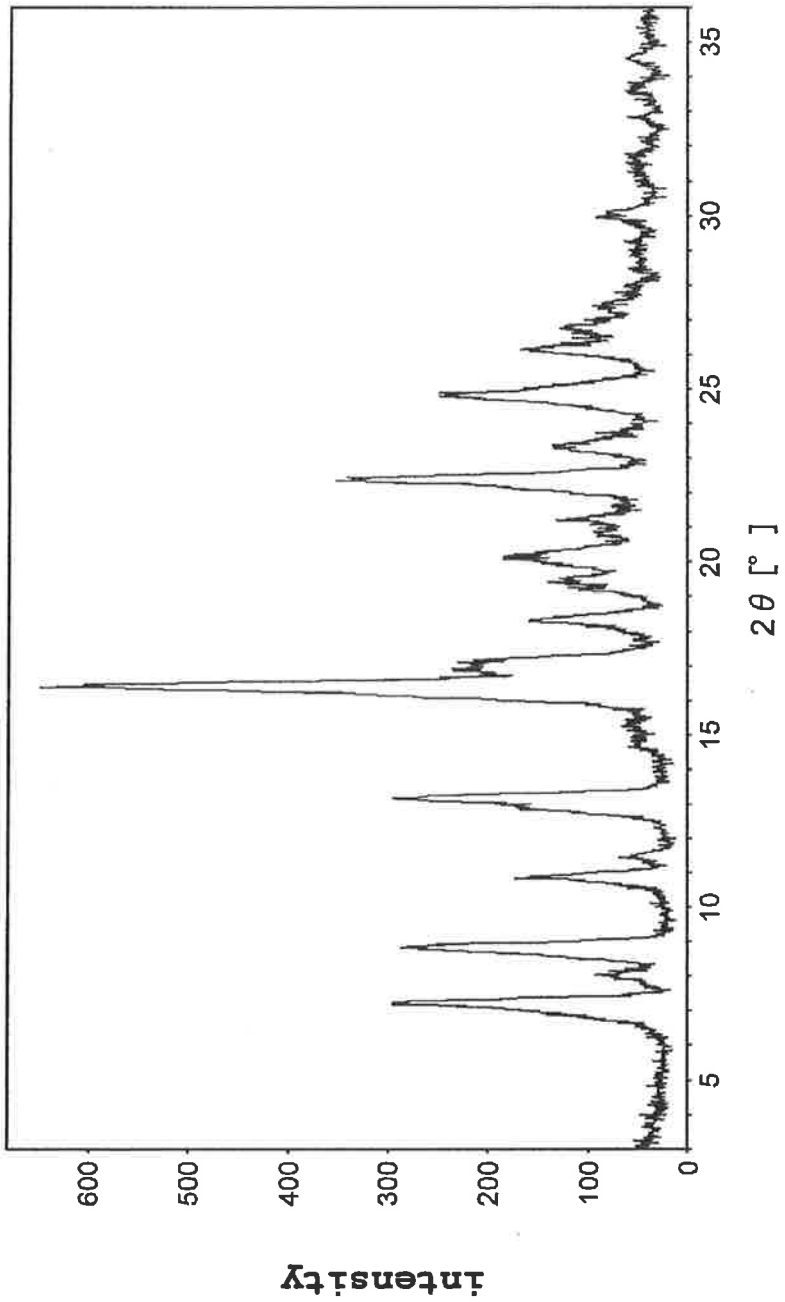


Fig.3

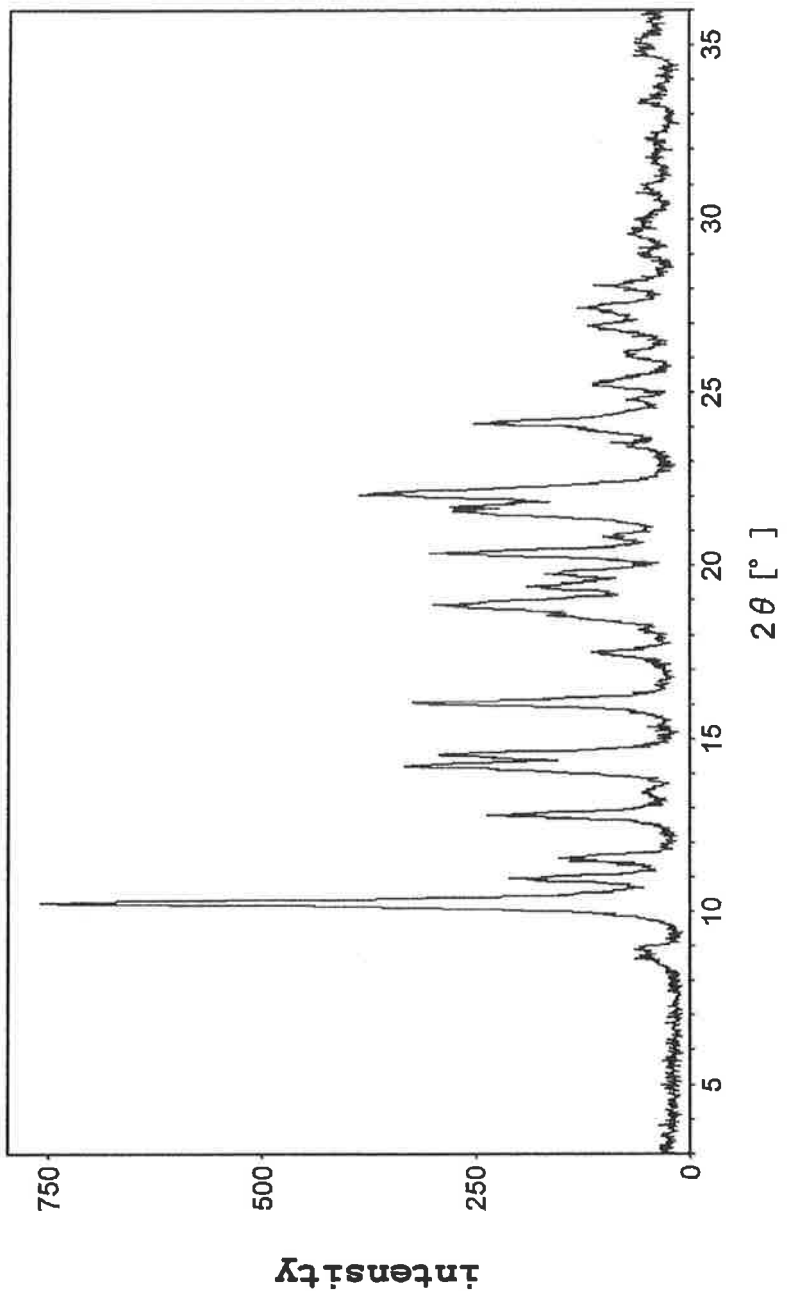


Fig.4

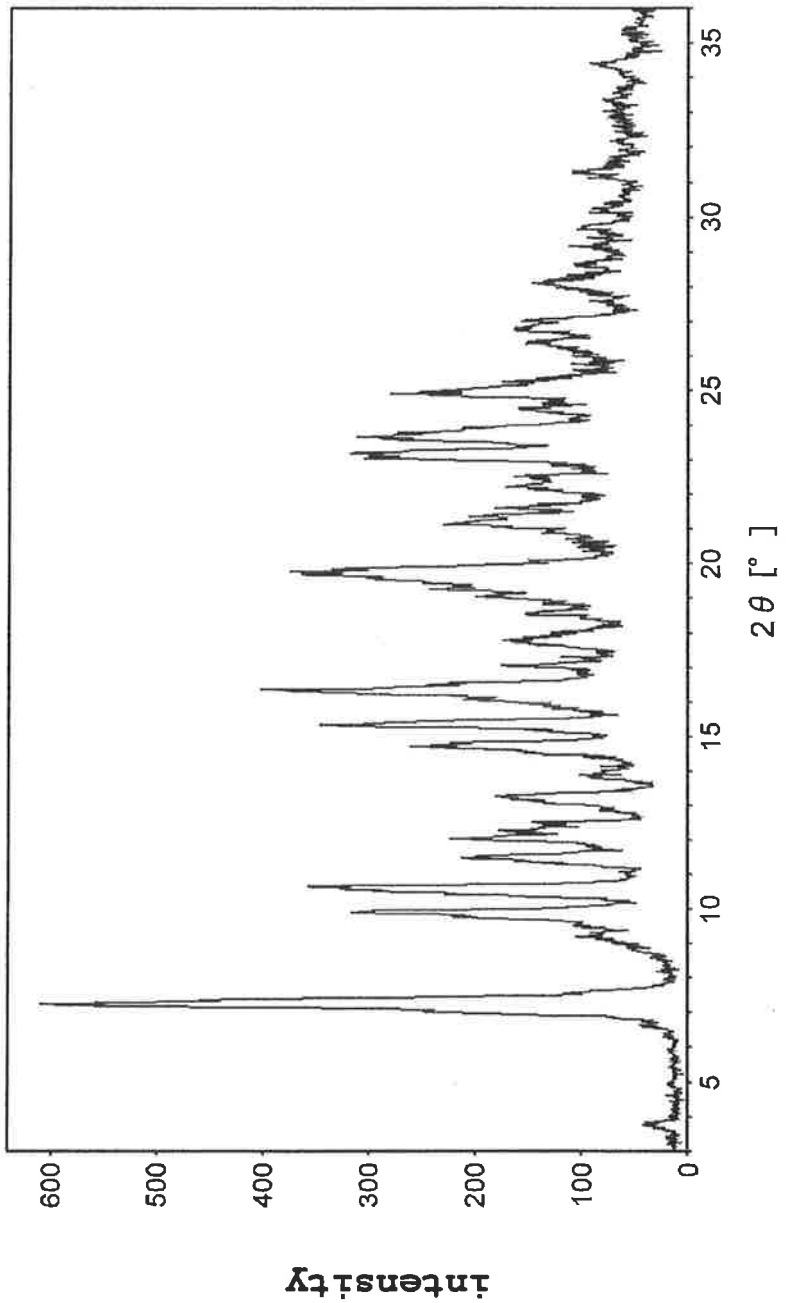


Fig.5

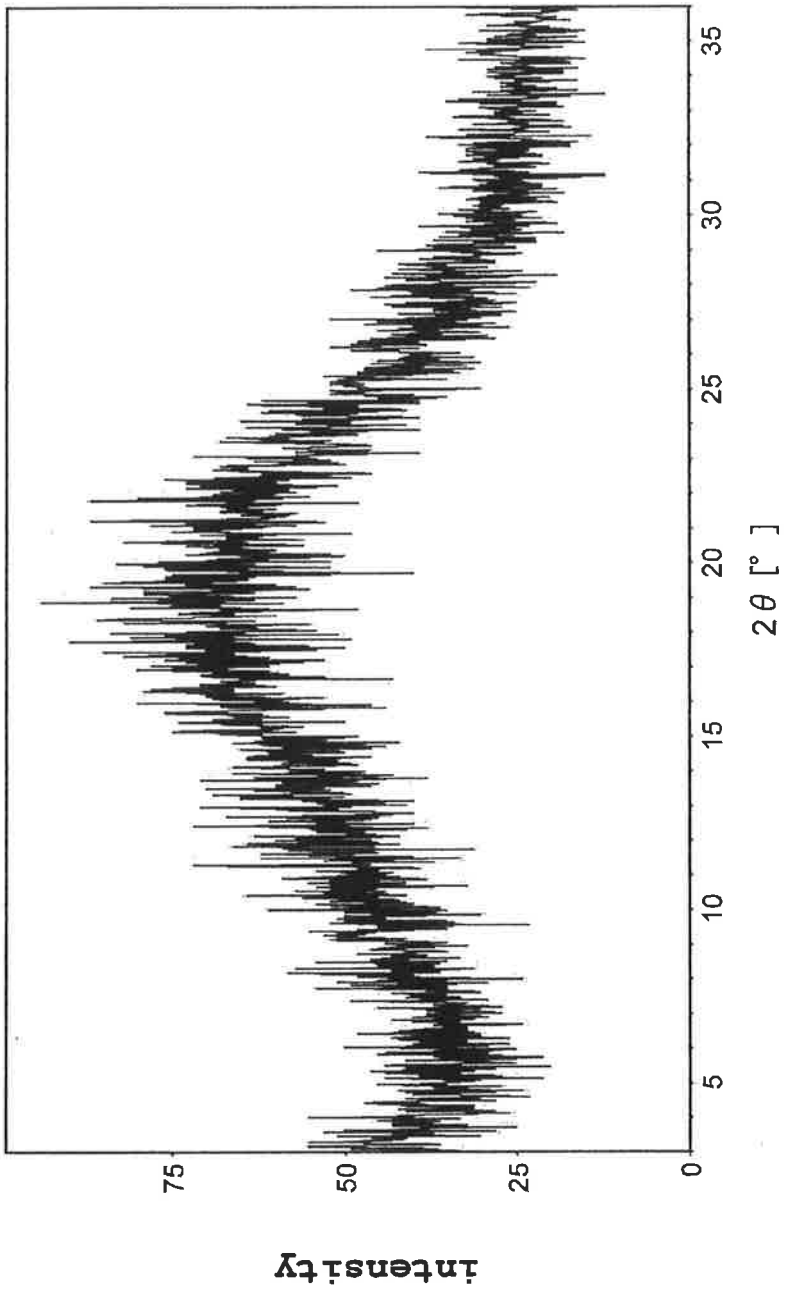


Fig.6

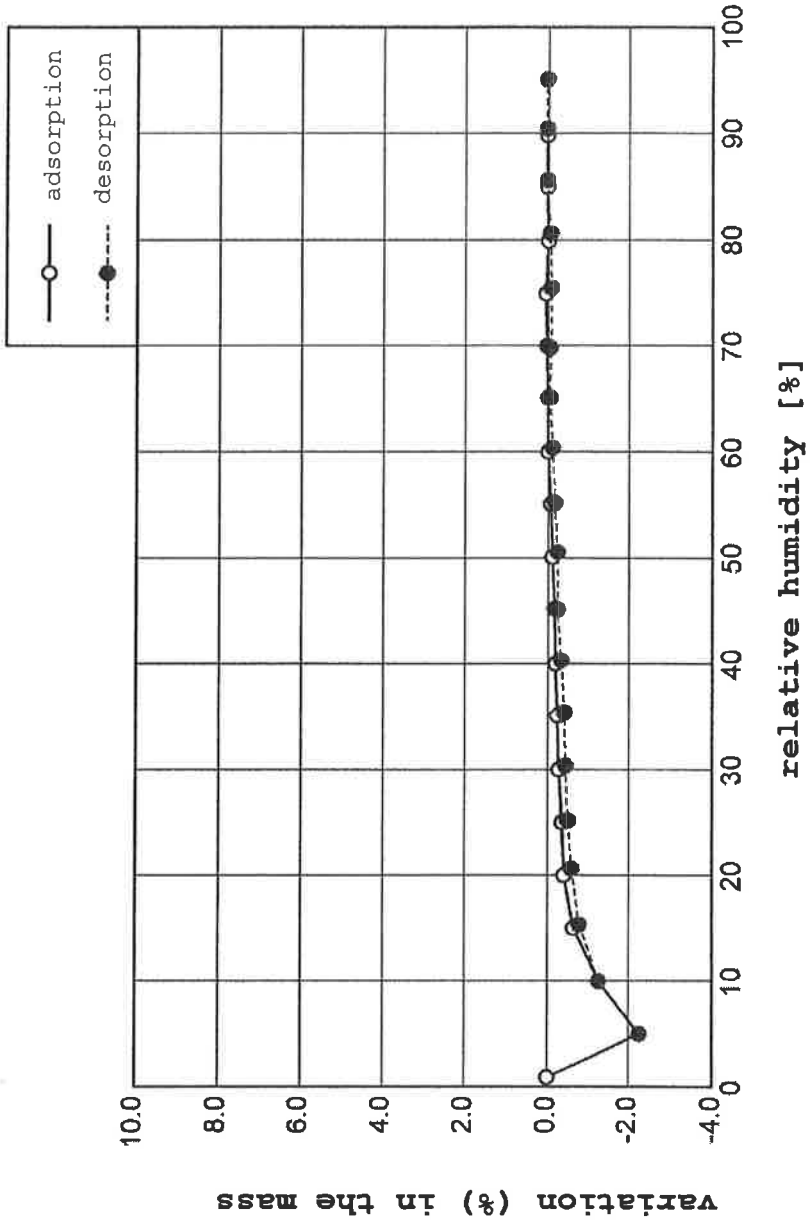

adsorption
desorption
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
variation (%) in the mass
0
10
20
30
40
50
60
70
80
90
100
relative humidity [%]

Fig.7

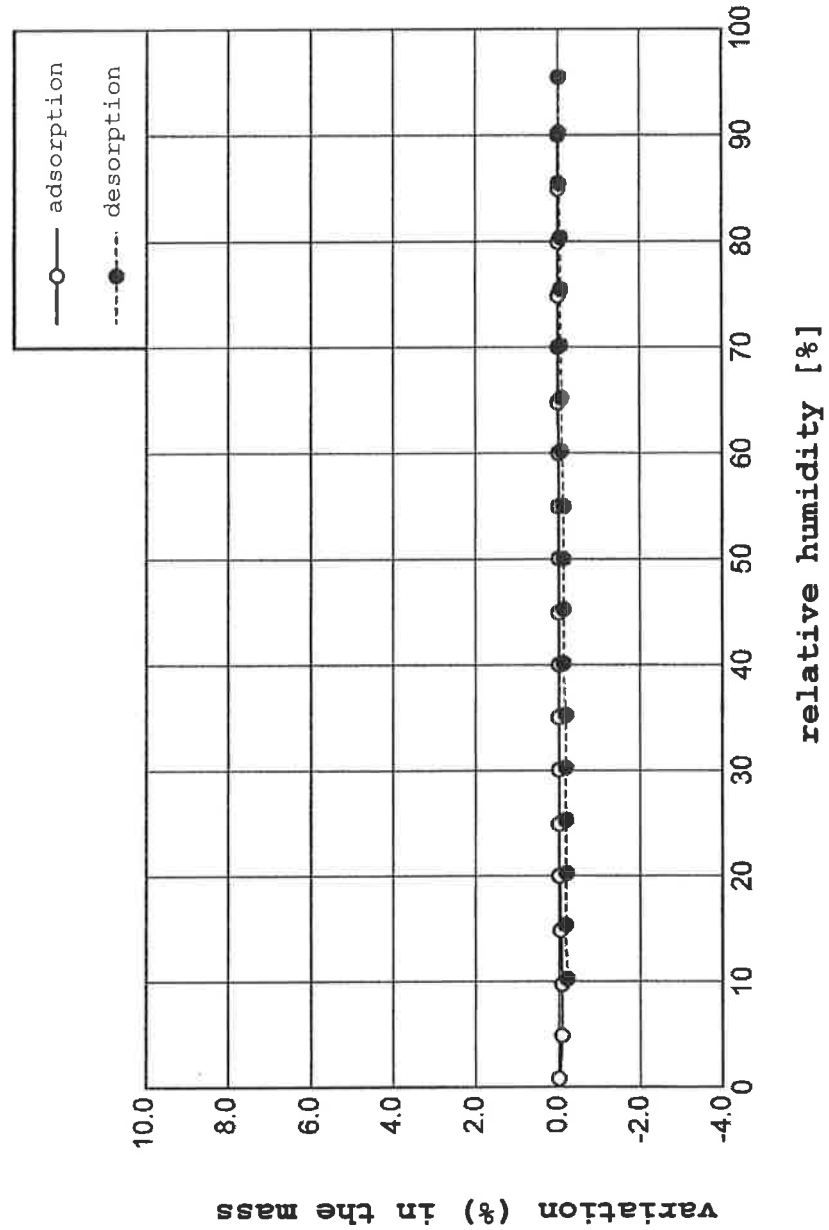
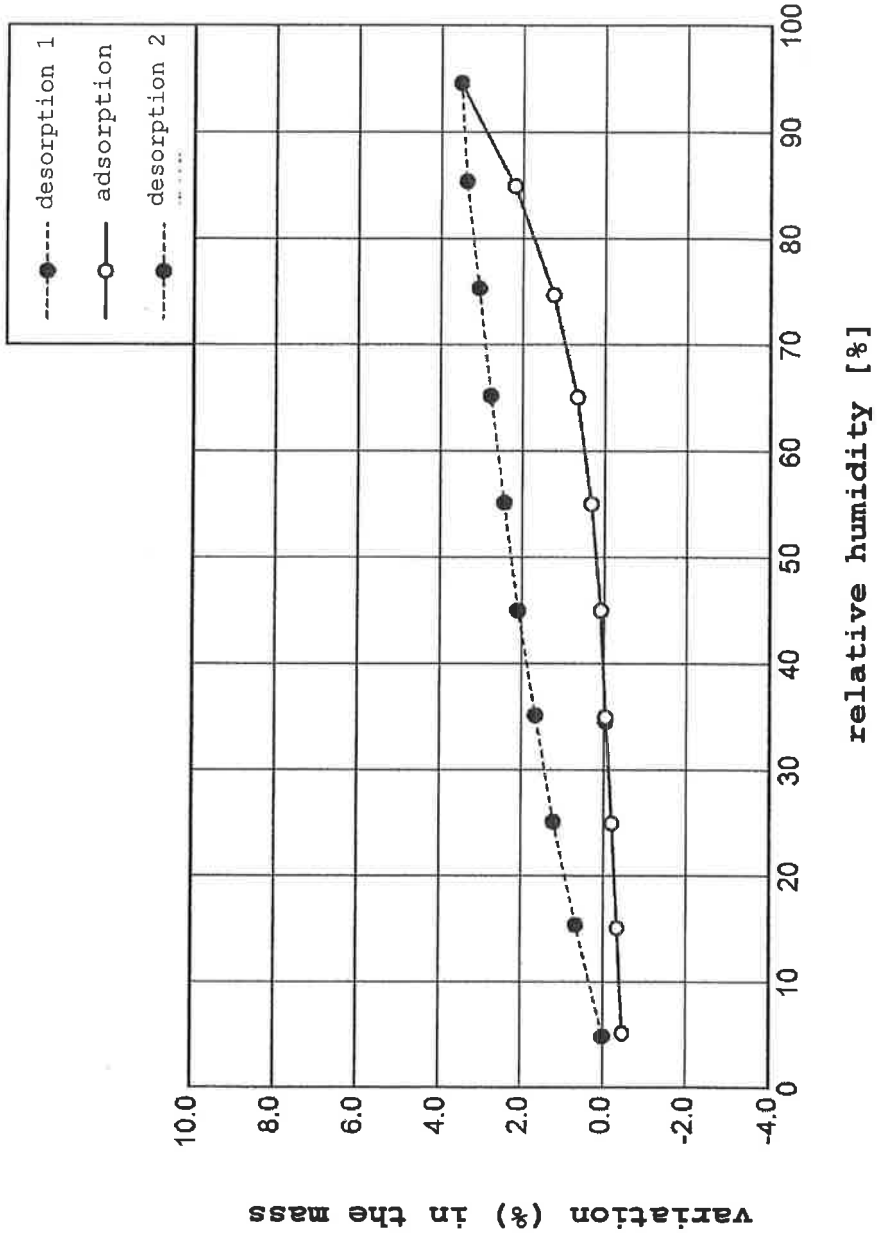

adsorption
desorption
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
0
10
20
30
40
50
60
70
80
90
100
variation (%) in the mass
relative humidity [%]

Fig.8


desorption 1
adsorption
desorption 2
variation (%) in the mass
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
0
10
20
30
40
50
60
70
80
90
100
relative humidity [%]