100
90
80
70
60
50
40
30
Transmission(%)
(a)
4000
3500
3000
2500
2000
1500
1000
500
Wavelength(cm-1)

100
90
80
70
60
50
40
30
20
10
0
Transmission(%)
(b)
4000
3500
3000
2500
2000
1500
1000
500
Wavelength(cm-1)

100
98
96
94
92
90
88
86
84
82
Transmission(%)
(c)
4000
3500
3000
2500
2000
1500
1000
500
Wavelength(cm-1)

100
95
90
85
80
75
Transmission(%)
(d)
4000
3500
3000
2500
2000
1500
1000
500
Wavelength(cm-1)

100
90
80
70
60
50
40
Transmission(%)
(e)
4000
3500
3000
2500
2000
1500
1000
500
Wavelength(cm-1)

100
95
90
85
80
75
70
65
60
55
50
Transmission(%)
(f)
4000
3500
3000
2500
2000
1500
1000
500
Wavelength(cm-1)