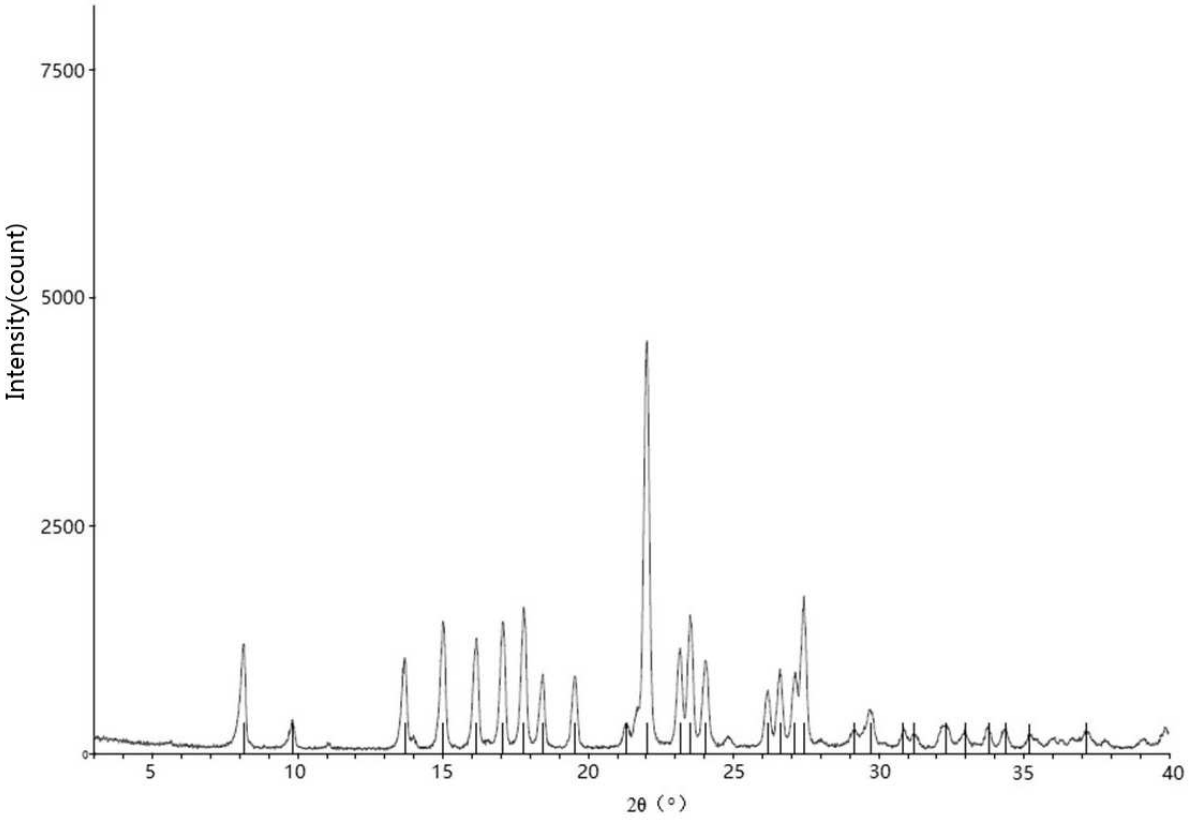
Intensity(count)
7500
5000
2500
0
5
10
15
20
25
30
35
40
2θ (°)

Fig. 1

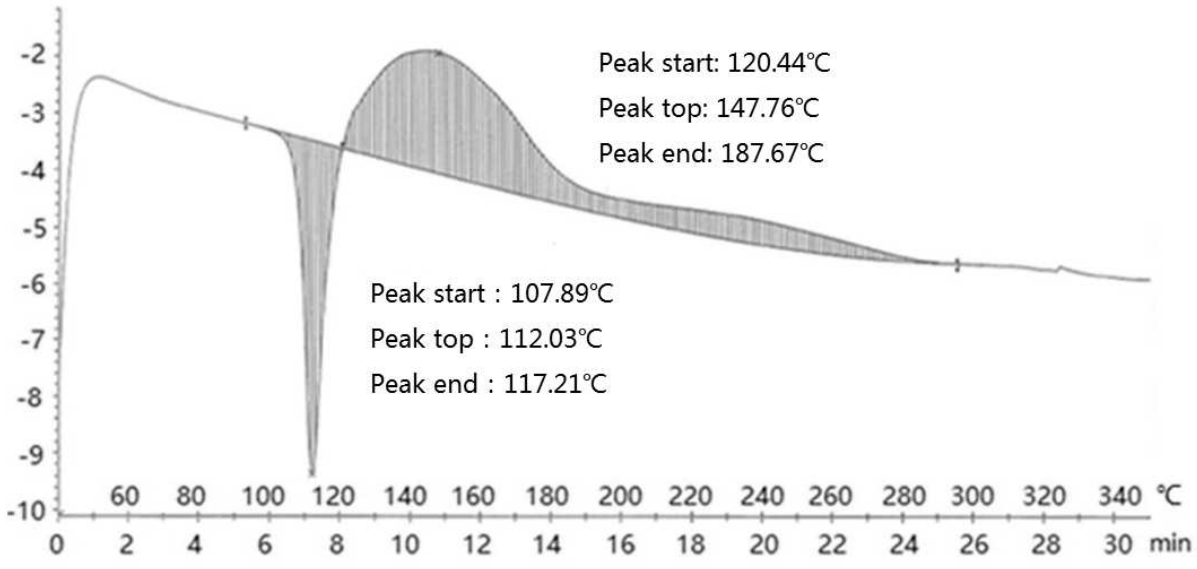
Peak start: 120.44℃
Peak top: 147.76℃
Peak end: 187.67℃
Peak start : 107.89℃
Peak top : 112.03℃
Peak end : 117.21℃
-2
-3
-4
-5
-6
-7
-8
-9
-10
60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 ℃
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 min

Fig. 2

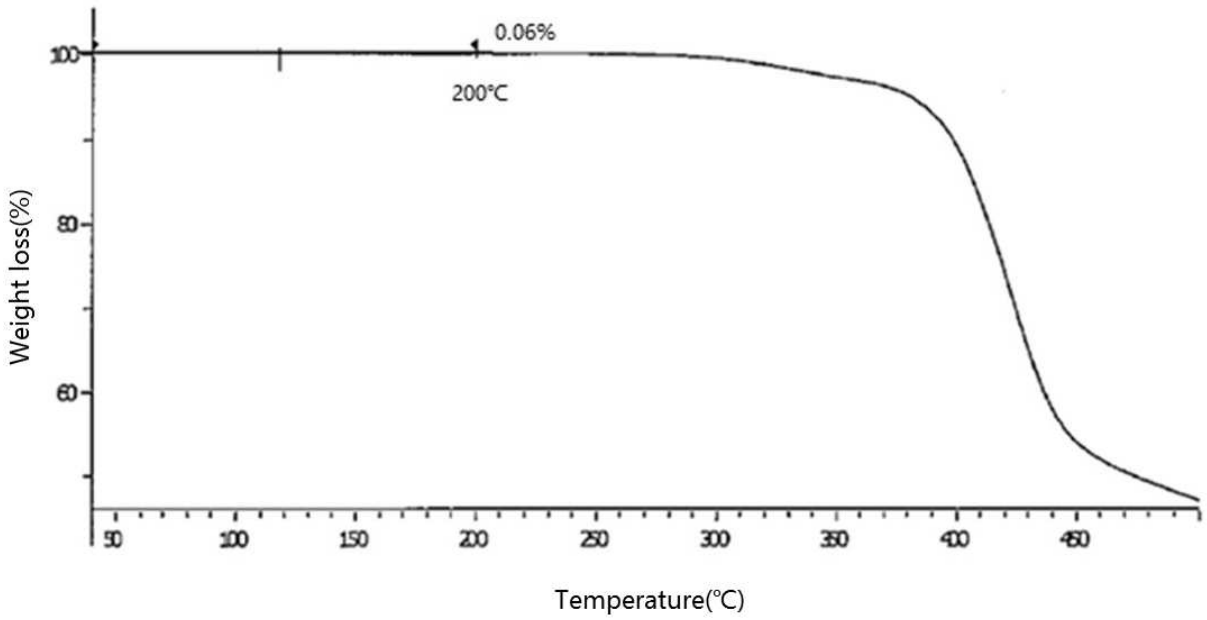
0.06%
200℃
100
80
60
Weight loss(%)
50
100
150
200
250
300
350
400
450
Temperature(℃)

Fig. 3

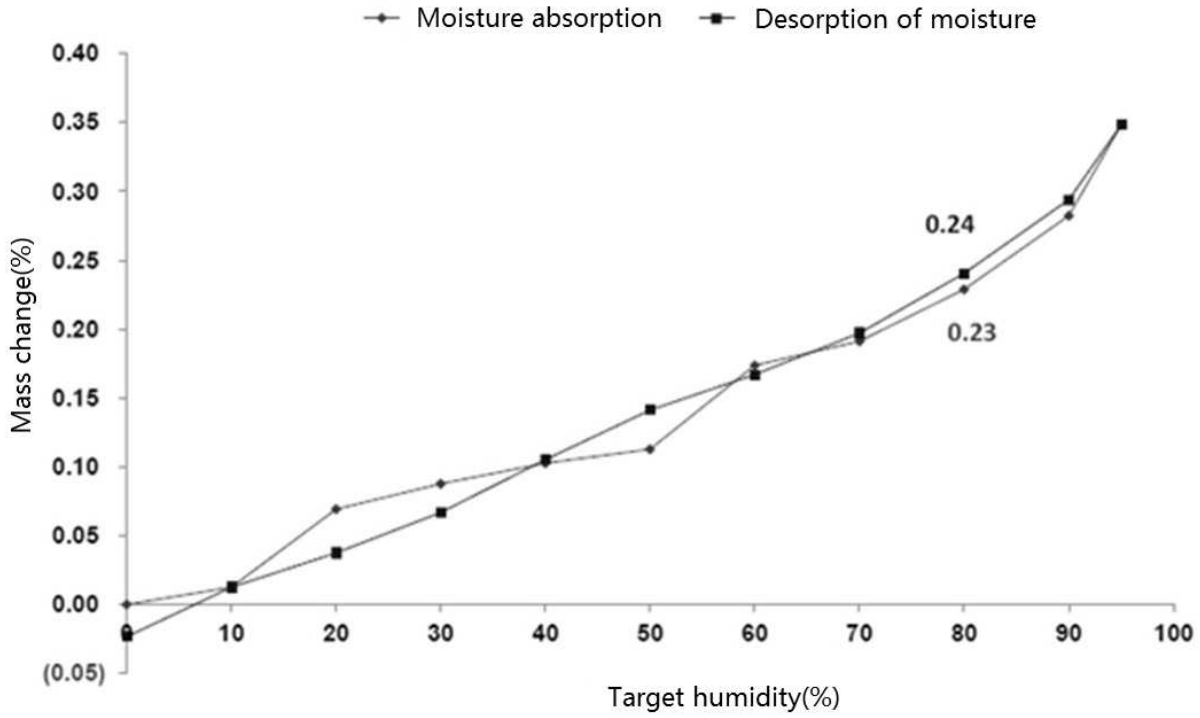
Moisture absorption
Desorption of moisture
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
(0.05)
Mass change(%)
0.24
0.23
0
10
20
30
40
50
60
70
80
90
100
Target humidity(%)

Fig. 4