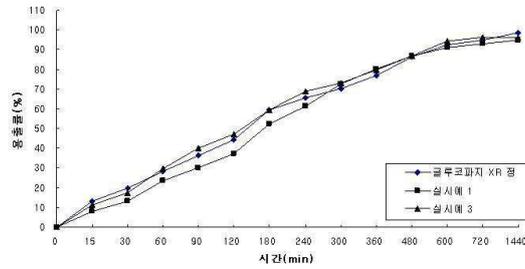


	(19) (12)	(KR) (A)	(11) (43)	10-2010-0041189 2010 04 22
(51) Int. Cl.				(71)
A61K 9/22 (2006.01) A61K 31/155 (2006.01)				400-1
(21) 10-2008-0100245				(72)
(22) 2008 10 13				250
2008 10 13				102-304
				426-701
				( )
				(74)
: 11				

(54)

(57)

- 1



(72)

110-1407

508-2103

5

---

1

40 cps

2

1  
10 ~ 30

100

2 ~ 9

3

1

4

1

600,000

7,000,000

5

1

1

6

5

1

7

5

1

8

5

1

9

5

1

10

40 cps

4000

11

10

600,000

7,000,000

[0001]

[0002]

(Bi guani de)

[0003]

2550 ng

500

850 ng

2-3

, 1 1

[0004]

[0005]

98/055107

[0006]

99/047125

[0007]	99/47128	2	8
	1 1		
[0008]	2002/36100	-	
[0009]	2003/028704	3 2	10 %
	1		
[0010]	772980		
[0011]	791844	3	
[0012]	99/47128	772980	791844
	0.4	1	1
[0013]			
[0014]			
[0015]			
[0016]			2

[0017]

[0018]

40 cps

[0019]

[0020]

[0021]

pH

SR30D BASF, )

[0022]

Chemical, )

( , DOW

2

[0023]

[0024]

[0025]

(1)

[0026]

[0027] (2)

[0028] (i)

[0029] 49.5%

40 cps

100 2 9 , 4 8

[0030] (ii)

[0031]

SR 30D(Kolli coat SR 30D BASF, )

30%

30%

100 2 9

, 4 8

[0032]

[0033] (3)

[0034] (i)

[0035] 600,000 7,000,000

5,000,000

100 10 30 , 10 20

[0036] (3)

[0037]

[0038]

1

[0039]

(veegun)

(croscarnellose)

(crospovi done)

4000

[0040]

[0041]

[0042]

[0043]

[0044]

1 2

[0045]

100 20 ~ 40  
500ng(Clucophage XR tablet, 500ng BMS)  
500ng 1 g

[0046]

, 2

1 1 24

[0047]

[0048]

1: (1: 1)

[0049]

1: 1 2

70

[0050]

2

[0051]

1

[0052]

1: 1

[0053] **3** (2 1)

[0054] 1

[0055] 1: 1

[0056] **4** (2 1)

[0057] 1

[0058] 4: 1

[0059] **5** (2 1)

[0060] 1

[0061] 4: 1

[0062] **6** (2 1)

[0063] 1

[0064] 4: 1

[0065] **1**

[0066] 500g (Neusilin UFL2) 20g 35  
 10 (Ethyl cellulose Type N 100) 25g  
 95% 200g  
 100 rpm 1000 rpm. 60 20  
 (Polyox VR 99g 30  
 6g 3 1 655ng 500ng

[0067] **2**

[0068] 1 1

500ng (571 ng) 1 1

[0069] 3  
 [0070] 500g (Neusilin UFL2) 15g 35  
 (SFC-50) 50  
 (Ethyl cellulose Type N 100) 25g 95% 200g  
 60 20 (Polyoxy WR  
 ) 85g 19g 30  
 6g 3 1 650ng 500ng

[0071] 4  
 [0072] 2 3  
 500ng (761.6ng) 1  
 3 1 1

[0073] 5  
 [0074] 500g (Aerosil 200) 20g (Polyoxy  
 30g ) 99g 35 (SFC-50) 50  
 (Ethyl cellulose Type N 50) 30g 95%  
 200g 60 20  
 6g 3 1 655ng 500ng

[0075] 6  
 [0076] 3 5  
 500ng (547ng) 1 1 5

[0077] 7  
 [0078] 500g (Aerosil 200) 15g (Polyoxy WR  
 ) 85g 50  
 30% (Kollicoat SR30D) 100g 14g  
 6g 3 1 650ng 20 500ng

[0079] 8  
 [0080] 4 7  
 500ng (592.3ng) 1 1 7

[0081] 9  
 [0082] 5 7  
 500ng (610.5ng) 1 1  
 7 1 1

[0083] 10  
 [0084] 6 7  
 500ng (589.3ng) 1 1  
 7 1 1

[0085] 1 ~ 3 11  
 [0086] 1 4  
 4 1

[0087] [ 1]

	1	2	3	11
	500ng (571ng)			
	17ng	17ng	17ng	17ng
(Type N 10)	29ng	-	-	-
(Type N 14)	-	29ng	-	-
(Type N 22)	-	-	29ng	-
(Type N 50)	-	-	-	29ng
	95ng	95ng	95ng	95ng
	22ng	22ng	22ng	22ng
	6ng	6ng	6ng	6ng
	740ng	740ng	740ng	740ng

[0089] 4  
 [0090] 500g (Nuesilin UFL2) 15g (Polyoxy VSR)

) 25g 50 1  
 95% 200g  
 20 (Pol yox VSR ) 85g  
 19g 30 6g 3

[0091]

5

[0092]

500g (Niesilin UFL2) 15g  
 50 (Ethyl cellulose Type N 50) 25g  
 95% 200g  
 20 (Ethyl cellulose Type N 50) 85g  
 19g 30 6g 3

[0093]

1

[0094]

1, 3, 5, 7 ( Glucophage XL, BMS)

[0095]

: ERMEKA DF-700

[0096]

: 37

[0097]

: pH 6.8

[0098]

: 1000 ml

[0099]

: 100 rpm

[0100]

( ): 0.25, 0.5, 1, 1.5, 2, 3, 4, 5, 6, 8, 12, 24

[0101]

: (Perkin-Elmer, Lambda25)

[0102]

: 232 nm

[0103]

1 3 , USP31 10%

[0104]

2

[0105]

3 11 1 ~ 3 5 1

[0106]

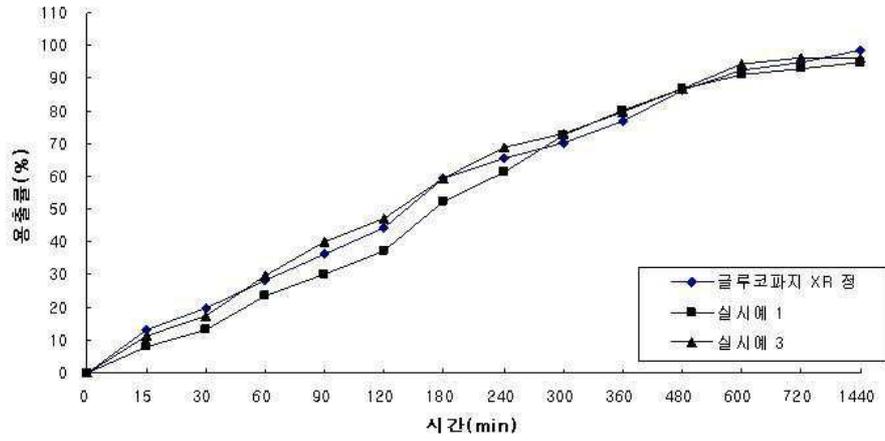
2 , 1 ~ 3  
 USP31  
 40 cps 3 11  
 40 cps

[0107]

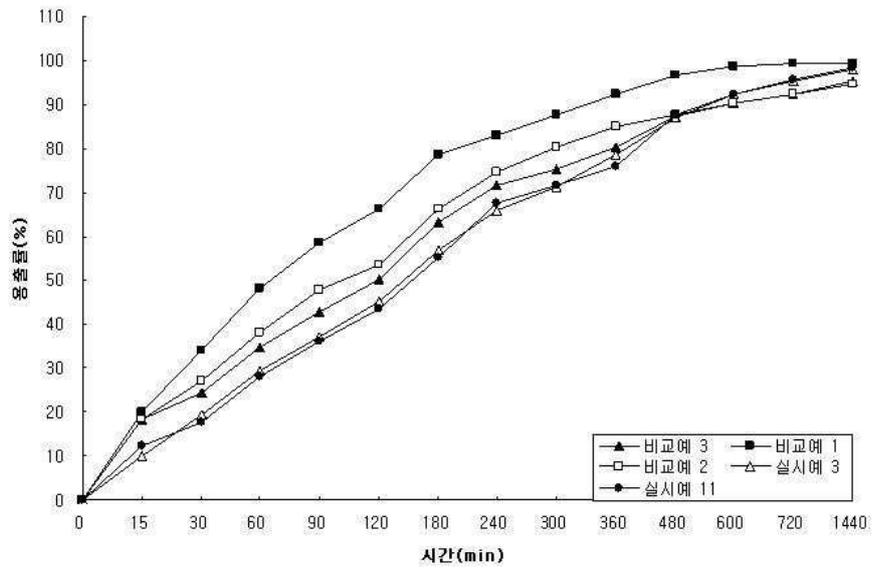
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- [0108] 4 6 8 1 .
- [0109] 4 , .
- [0110] 4
- [0111] 3 4 5 2 .
- [0112] 5 ,  
4 5 .
- [0113] , .
- [0114] , .
- [0115] 1 1, 3 ( XR)
- [0116] 2 3 11, 1, 2 3 ,
- [0117] 3 5 7 ( XL)
- [0118] 4 4 6 8 ( XR)
- [0119] 5 3 4 5 .

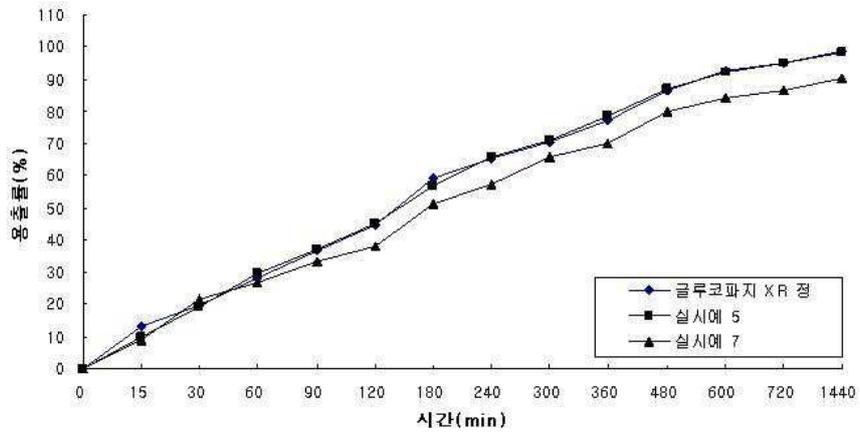
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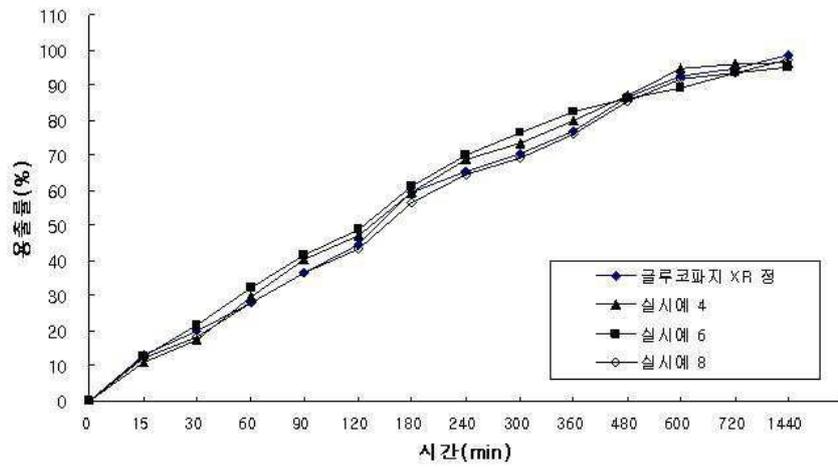
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3



4



5

