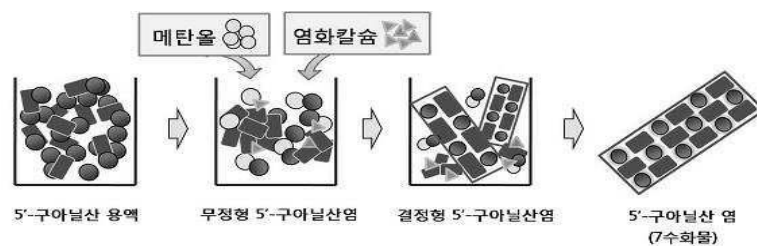


	(19) (12)	(KR) (A)	(11) (43)	10-2010-0040490 2010 04 20
(51)	Int. Cl.	(71)	1	
(21)	<i>C07H 19/00</i> (2006.01) <i>C07H 19/20</i> (2006.01) 10-2008-0099624			
(22)	2008 10 10 2008 10 10	(72)		
			2	102
			1203	
			2	102-127
		()		
		(74)		
	: 7			

(54)	5'-
(57)	
	5'-
	, 5'-
7	
	50%(V/V) (CaCl ₂)
	5'- (CaCO ₃)
	0.05~5 %
	)
	Na
	2
	Ca
	400um
	5'-
	(seed) (99.9%)
	- 1



(72)

695-1

2-401

463

1
5' -
5' - 7 5' -
2
1 , 5' -
3
1 , 5' -
5' -
4
1 , 50%(V/V) 5' -
5' -
5
1 , (CaCl₂) (CaCO₃) 5' -
6
1 , 0.05~5 % 5' -
7
1 , 5' - 7 400um~500um , 99.9~99.99%
5' -

[0001] 5' - , 400um
(99.9%) 5' -

[0002] 5' -
5' - (, ,) (drowning-out
crystallization) 1986-0000048 , 1984-0007088 ,
1991-0019655 7 5' -
45 4 5' - (7)
5' - (7) (nucleation)

(growth) 5' - (7) (phase transformation) .

[0003]

, 5' - (7) 200um ,
, 5' - .

[0004]

5' - 300um 5' -
, .

[0005]

1993-0017289 5' - (7) (seed) 0.149~0.35mm
, 0.1 0.18mm (seed)
.

[0006]

, 1991-0019655 Na₂HPO₄ (seed) .
, 500ml Na₂HPO₄ 4.4g 40 10~20
5' - (7) (seed) 25g . 30% 5' -
(7) 1000ml 1.5 . 99.8%
200 um 5' - (7)
, (seed) .

[0007]

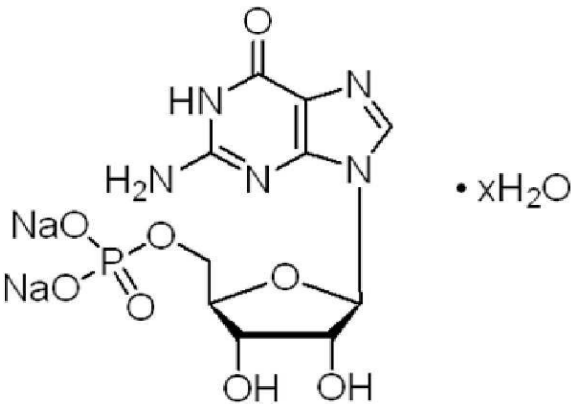
,
400 um 5' - (7) (99.9%) (seed) 5' -
.

[0008]

5' - , 1 5' -
5' - 7 .

[0009]

[1]



[0010]

[0011]

50%(V/V) 5' -
.
5' - .

[0012]		(CaCl ₂)	(CaCO ₃)	
	0.05~5	%		
[0013]				
[0014]		()		
	Ca	(seed)	Na	
	5' -	(99.9%)	2	400um
	99.9%	5' -	7	
[0015]				
[0016]	1			1
[0017]	[1]			
[0018]	25 (batch)	5' - 10% 250ml	99.5%	250ml 500ml
	CaCl ₂ 0.25g	50%(V/V)		10
		411um	5' - 7	
		HPLC	99.9%	
[0019]	[2]			
[0020]	25 (batch)	5' - 12% 250ml	99.9%	250ml 500ml
	CaCl ₂ 0.2g	50%(V/V)		3
		438um	5' - 7	
		HPLC	99.9%	
[0021]				
[0022]	[3]			
[0023]	25 (batch)	5' - 10% 250ml	99.9%	250ml 500ml
	0.05g	50%(V/V)		1 CaCl ₂
		438um	5' - 7	
		HPLC	99.9%	
[0024]	2.			
[0025]	5' - size analyzer)	HPLC	(C-18),	(Particle

[0026]

,
 Na , Na_2HPO_4 [1991-0019655] Na_2HCO_3
 [1990-0013563] (Ca) (seed)
 2 400 μm 5' - (99.9%)

[0027]

2 Na_2HPO_4 5' - (x250), 3
 Ca_2CO_3 5' - (x100). 2
 3 , Ca Na 5' -
 (7)

[0028]

1 ;

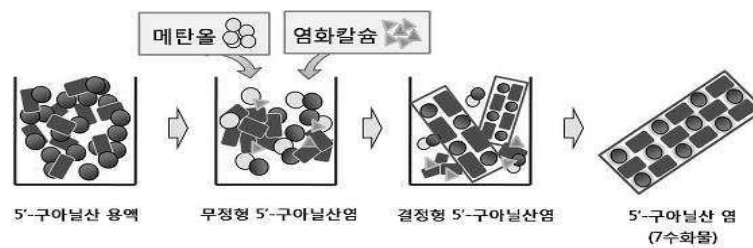
[0029]

2 Na_2HPO_4 5' - (x250);

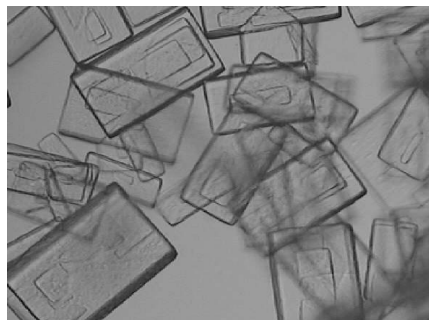
[0030]

3 Ca_2CO_3 5' - (x100).

1



2



3

