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(73) -32

(72) 32 ()

(74)

:

(54)

()가 (green tide) ,
(green algae) 1 ,
, , ,

()가
, 2) 가 1) , 3) ,

가 (5), 4) 가 (6) (異臭味) ,
 THM 가 가
 (KOMI) 가 가
 1-2 pV 가 40-50 가
 2 가 () .
 Earthtech 가 가
 90% (microcystin) .(Inamori et al.,1990).
 가 , 2
 0.005% (Turner and Szczawinski, 1999).
 (cardioactive glycosides), (oleandroside)
 (Nerioside) 1 1
 (cardioactive glycosides), (oleandroside) (nerioside)
 1 (green algae) 1
 en tide) (gre
 가 가
 1 가
 가 ,
 가 ,
 가 ,
 5-70 48-72 6

24 () , 2mm , 7 100g 1500ml() () ,

400 1000 가 400 , 1000

(*Nerium indicum*), (*Nerium indicum for. plenum*), (*Nerium indicum for. lutescens*), (*Nerium indicum for. leucanthum*), (*Nerium oleander*)

(*Anabaena*), (*Synedra*), (*Cosmarium*), (*Staurastrum*), (*Volvox*), (*Golenkinia*), (*Eudorina*), (*Coelastrum*), (*Scenedesmus*), (*Go*) (*Microcystis*), (*Trachelomonas*), (*Peridinium*), (*Pediastrum*), (*Oscillatoria*), (*Coelastrum*), (*Closterium*)

< >

6 16 가 50ml () 1 , , 가 , 0.5,1,2,5,10ml

70 48 (micro 2 mil-K500) 2mm 100g 1500ml 4 , 7 (filter paper No-44)

[1]

	(16)					
	<i>Volvox, Anabaena, Synedra, Cosmarium, Staurastrum, Golenkinia, Eudorina, Coelastrum, Scenedesmus, Microcystis, Trachelomonas, Peridinium, Pediastrum, Oscillatoria, Coelastrum, Closterium</i>					
		0.5ml (1,500X)	1ml (750X)	2ml (375X)	5ml (150X)	10ml (75X)
1 min.	0%	0%	0%	30%	95%	100%
30 min.	0%	0%	10%	80%	100%	100%
1 hr.	0%	0%	15%	90%	100%	100%
2 hr.	0%	0%	20%	100%	100%	100%

{0.5~10ml()/50ml()} 1 (green algae) 1 375 , 16 가 100% (water blooming)

(57)

1. (cardioactive glycosides), (oleandroside) (nerioside)
- 1
2. (Nerium indicum), (Nerium indicum for. plenum),
 1 (Nerium indicum for. lutescens), (Nerium indicum for. leucanthum), (Nerium
 oleander)
3. 1
4. (Nerium indicum), (Nerium indicum for. plenum),
 3 (Nerium indicum for. lutescens), (Nerium indicum for. leucanthum), (N
 erium oleander)
5. (Olvox), (Anabaena), (Synedra), (Cosmariu
 m), (Staurastrum), (Golenkinia), (Eudorina), (Coelastrum),
 (Scenedesmus), (Microcystis), (Trachelomonas), (Peri
 dinium), (Pediastrum), (Oscillatoria), (Coelastrum), (Cl
 osterium)
6. 3 5 1000
7. 6 400