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(21) 10-2003-0097466
(22) 2003 12 26

(71) 1가1 409-2

(72) 1가1 409-2

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(54)

ial oils) , , , 가 (Aromatherapy) , , , (Essent ,

1

(SHIMADZU SLAD-2001)

1 A

(Aromatherapy)

(Essential oils)

(Gabriel Mojay: 'Aromatherapy for Healing the Spirit' [Healing Arts Press], Kurt Schnaubelt: 'Advanced Aromatherapy' [Healing Arts Press], Kurt Schnaubelt: 'Medical Aromatherapy' [Frog, Ltd.], Gabriel Mojay: 'Aromatherapy for Healing the Spirit' [Healing Arts Press])

0~30 %, 0~25 %, 0~6 %, 0~17 %, 0~25 %, 0~34 %, 0~10 %, 0~9 %, 0~17 %, 0~9 %, 0~25 %, 50 %

(Aromatherapy)

Gabriel Mojay: 'Aromatherapy for Healing the Spirit' [Healing Arts Press].

1. : . , .
2. : . , , , , .
3. : 가 가 10~20 15~20 가 .
4. : 가 . , , .
5. : , .

(emulsification)

가

가 .

(. 'Alteration of Perceived Fragrance of Essential Oils in Relation to Type of Work: a Simple Screening Test for Efficacy of Aroma' Chem. Senses 1999;24:415-421, 'Studies on the Mode of Action of the Essential Oil of Lavender' Phytother. Res. 1999;13:540-542, 'Psychological effects of aromatherapy on chronic hemodialysis patients' Psychiatry and Clinical Neuroscience 2000;54(4):393, 'The Sedative Effects and Mechanism of Action of Cedrol Inhalation with Behavioral Pharmacological Evaluation' Planta Med 2003;69:637-641, 'Psycho-neuro-immunological treatment of hepatocellular carcinoma with major depression - a single case report.' Curr Med Res Opin. 2003;19(1):59-63, 'Alternative and complementary modalities for managing stress and anxiety.' Crit Care Nurse. 2000 Jun;20(3):93-6, 'Reduction of mental stress with lavender odorant.' Percept Mot Skills. 2001 Dec;93(3):713-8, 'Effects of a long-term inhalation of fragrances on the stress-induced immunosuppression in mice.' Neuroimmunomodulation. 1998 Nov-Dec;5(6):318-22, 'The clinical use of aromatherapy in the reduction of stress.' Home Healthc Nurse. 1998 Feb;16(2):123-6, 'Essential oils and 'aromatherapy': their role in healing.' J R Soc Health. 1997 Dec;117(6):400)

0~25 %, 0~25 %, 0~17 %, 0~25 %, 0~34

%, ~25 %, 0%	0~30 %, 0~10 %,	0~6 %, 0~9 %,	0~17 %, 0 0~17 %, 5	0~9 %, 0 0~9 %, 5
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가 가 2
5.00 50.00 %

Clary Sage ()

petroleum ether

가

가

Geranium ()

petroleum ether

. adrenal cortex

가

가

, cellulite

. adrenal corte

x

가

가

가

Lavender ()

가

가

. jojoba

(balancer)

가

Neroli ()

가

가

가

가

4%

가

가

3

(,)

()
1

Sandalwood ()

가

Chamomile (Roman / German) (- /)

가 가 German chamomile Chamomile

Juniper ()

가 가

Majoram ()

가 가

Rose Otto ()

가 가 가 2~3 가

Ylang Ylang ()
 endorphine euphoria()
 Neroli (erotic mood) 가
 geranium tachycardia()

0.2~2%

0.3%

(phospholipids)

가

가

가

가

(hydrogenated)

가

가

PDMS (Polydimethylsiloxane)

wetting

PDMS 가 가 PDM
 S Octamethyl cyclotetrasil
 oxane, Decamethyl cyclopentasiloxane, Dodecamethyl cyclohexasiloxane, Hexamethyl cyclotrisiloxane(Dow
 Corning 345, Dow Corning 1401, Dow Corning 3225C)

()

/ B.F. Goodrich Company
 Carbopol 934, Carbopol 940, Carbopol 950, Carbopol 980, Carbopol 951, Carbopol 981 (CTFA Car
 bomer 934, 940, 950, 980, 951, 981)가

가 0.75 2.00 % 가
 Carbopol 1382, Carbopol 1342 (CTFA Carbomer 1382, 134
 2)가 /10-30 가

< >

가 가
가

1, 2
1, 2 (%)

[1]

	1	2	3	4	5	6	7
							25.0
					25.0		
	16.7	10.0					
	16.7				8.3	25.0	16.7
	11.1			33.3			
	5.5	30.0					
					16.7		
							8.3
			25.0			16.7	
		10.0					
			8.3				
			16.7	16.7			
						8.3	
	50	50	50	50	50	50	50

[2]

	8	9	10	11	12	13
				10	20	
		25.0		20		
	16.7					
			20			
					30	25
		16.7				
			20			25
	16.7					
	16.6					
				20		
		8.3				

			10			
	50	50	50	50	50	50

< 가 가 >

%

[3]

		%
A	1~13 가	0.3
		0.2
		5
B	(DC 345)	15
	(DC 3225C)	2.5
	(SH 3771C)	7
C		63
		0.3
		0.2
		3
	Labrafil M2130CS	2
	940	0.5
	1382	0.1
	Triethanol amin	

Homogenizer(Polytron Large Capacity Benchtop Homogenizers PT3100)

1~13 가 Homogenizer 1000~3000 rpm
 A (SHIMADZU SLAD-2001) 1
 1 A 10~200 mm
 Homogenizer B , Labrafil
 Homogenizer C B C 940 13
 82 가 Homogenizer A 가
 1000~3000rpm Triethanol amin 가 Homogenizer 100
 0rpm 가

가 가 가

(57)

1.

2.

1
%,
17 %, %,
0~25 %, 0~9 %, 0~9 %, 0~25 %, 0~34 %, 0~25 %, 0~30 %, 0~10 %, 0~25 %, 0~6 %, 0~9 %, 0~17
%,
0~17

3.

2

1

R Index=1.70-0.20i	Median D : 34.249 Modal D : 30.976	Mean V : 35.916 Std Dev : 0.334	10.0% : 15.271 50.0% : 34.249 90.0% : 95.328	S Level : 0 D Func : None D Shift : 0
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