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APPENDICES

APPENDIX A

The questionnaire of satisfaction on beehive gel

แบบสอบถาม

แบบสอบถามความพึงพอใจของอาสาสมัครต่อผลิตภัณฑ์เจลต้านแบคทีเรียจากสารสกัดรังผึ้ง

1. ผู้ให้ข้อมูล

☐ ชาย

☐ หญิง

อายุ.....ปี

2. เจลรังผึ้ง (W)

หัวข้อประเมิน	ดีมาก	ดี	พอใช้	ควรปรับปรุง
สี				
กลิ่น				
ลักษณะเนื้อเจล				
การแยกชั้นและตกตะกอน				
ความหนืด				
ความเนียน				
การซึมซาบสู่ผิว				
ความพึงพอใจโดยรวม				

3. ยาพื้นเจล

หัวข้อประเมิน	ดีมาก	ดี	พอใช้	ควรปรับปรุง
สี				
กลิ่น				
ลักษณะเนื้อเจล				
การแยกชั้นและตกตะกอน				
ความหนืด				
ความเนียน				
การซึมซาบสู่ผิว				
ความพึงพอใจโดยรวม				

4. ข้อเสนอแนะ

APPENDIX B

CULTURE MEDIA

Tryptic soy agar (TSA)

Ingredients	Grams/Litre
Casein peptone (pancreatic)	15.0
Soya peptone (papainic)	5.0
Sodium chloride	5.0
Agar	15.0

Directions :

Suspend 40 g of dehydrated media in 1 litre of purified filtered water. Sterilize at 121°C for 15 minutes. Cool to 45-50°C. Mix gently and dispense into sterile Petri dishes or sterile culture tubes. Final pH was adjusted to 7.3±0.2.

Tryptic soy broth (TSB)

Ingredients	Grams/Litre
Casein peptone (pancreatic)	17.0
Soya peptone (papain digest.)	3.0
Sodium chloride	5.0
Dipotassium hydrogen phosphate	2.5
Glucose	2.5

Directions:

Suspend 30 g of dehydrated media in 1 litre of purified filtered water. Sterilize at 121°C for 15 minutes. Final pH was adjusted to 7.3±0.2.

Todd Hewitt Broth

Ingredients	Grams/Litre
Beef Heart, Infusion from	500.0
Peptic Digest of Animal Tissue	20.0
Dextrose	2.0
Sodium Chloride	2.0
Disodium Phosphate	0.4
Sodium Carbonate	2.5

Directions:

Suspend 37 g of Todd Hewitt Broth in 1000 ml of distilled water. Mix well and dispense as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Final pH 7.8 ± 0.2 .



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2. S. Tanya, S. Dammrong, P. Suchart and L. Pimporn. Development of Topical Antimicrobial Gel Containing Beehive extract. The 2nd CMU Graduate Research Conference Proceedings: 26th November 2010. Chiang Mai University, Chiang Mai, Thailand.
3. S. Tanya, S. Dammrong, P. Suchart and L. Pimporn. Development of Topical Antimicrobial Gel Containing Beehive extract. Pure and Applied Chemistry International Conference (PACCON): January 5-7, 2011. Miracle Grand Hotel, Bangkok, Thailand.

