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## LAMPIRAN

Lampiran 1. Hasil pengamatan tingkat preferensi lebah terhadap pakan tambahan campuran infus daun kelor dan sirup

No.	Bulan	Koloni	Per-lakuan	Minggu	Ulangan	Pakan yang dikonsumsi (g)	Persentase pakan Yang Dikonsumsi (%)
1	1	1	A	1	1	150	100
2					2	150	100
3					3	150	100
4				2	1	150	100
5					2	150	100
6					3	150	100
7				3	1	150	100
8					2	150	100
9					3	150	100
10		2	B	1	1	28,70	19,13
11					2	47,90	31,93
12					3	123,3	82,2
13				2	1	57,10	38,06
14					2	61,20	40,8
15					3	32,10	21,4
16				3	1	48,80	32,53
17					2	150	100
18					3	84,40	56,26
19	2	1	B	1	1	150	100
20					2	150	100
21					3	150	100
22				2	1	150	100
23					2	150	100
24					3	150	100
25				3	1	150	100
26					2	150	100
27					3	150	100
28		2	C	1	1	150	100
29					2	132,30	88,2
30					3	150	100
31				2	1	150	100
					2	133,60	89,06
					3	136,30	90,86
				3	1	125,70	83,8
					2	113,08	75,38
					3	101,94	67,96





## Lanjutan lampiran 1.

No.	Bulan	Koloni	Perlakuan	Minggu	Ulangan	Pakan Yang dikonsumsi (g)	Persentase pakan Yang Dikonsumsi (%)
37	3	1	C	1	1	150	100
38					2	150	100
39					3	150	100
40				2	1	150	100
41					2	150	100
42					3	150	100
43				3	1	150	100
44					2	150	100
45					3	150	100
46		2	D	1	1	150	100
47					2	150	100
48					3	28,08	18,72
49				2	1	111,22	74,14
50					2	102,09	68,06
51					3	108,58	72,38
52				3	1	99	66
53					2	98,16	65,44
54					3	94,28	62,85
55	4	1	D	1	1	150	100
56					2	150	100
57					3	150	100
58				2	1	150	100
59					2	150	100
60					3	150	100
61				3	1	150	100
62					2	150	100
63					3	150	100
64		2	A	1	1	150	100
65					2	149,77	99,84
66					3	63,38	42,25
67				2	1	110,36	73,57
68					2	124,86	83,24
69					3	149,79	99,86
				3	1	149,73	99,82
					2	149,90	99,93
					3	149,52	99,68



## Lampiran 2. Analisis Ragam Preferensi Lebah terhadap Pakan Tambahan

Sumber Keragaman	Derajat Bebas	Jumlah Kuadrat	Kuadrat Tengah	F	Sig.
Koloni	1	15575,415	15575,415	30,838	0,000
Perlakuan	3	3366,736	1122,245	2,222	0,096
Galat (Error)	55	27779,146	505,075		
Total	59	44932,386			

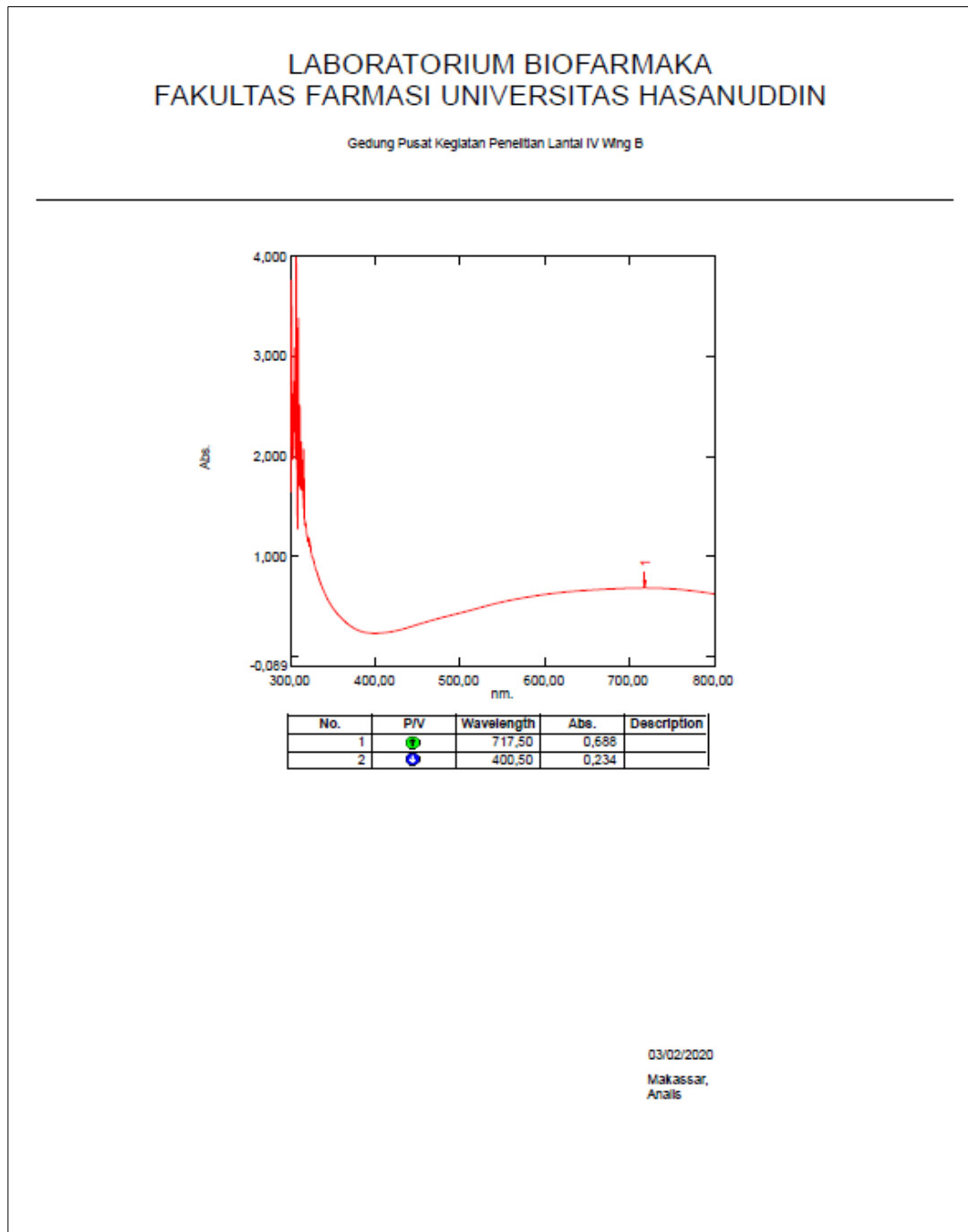


## Lampiran 3. Hasil pemeriksaan organoleptik MK oleh responden

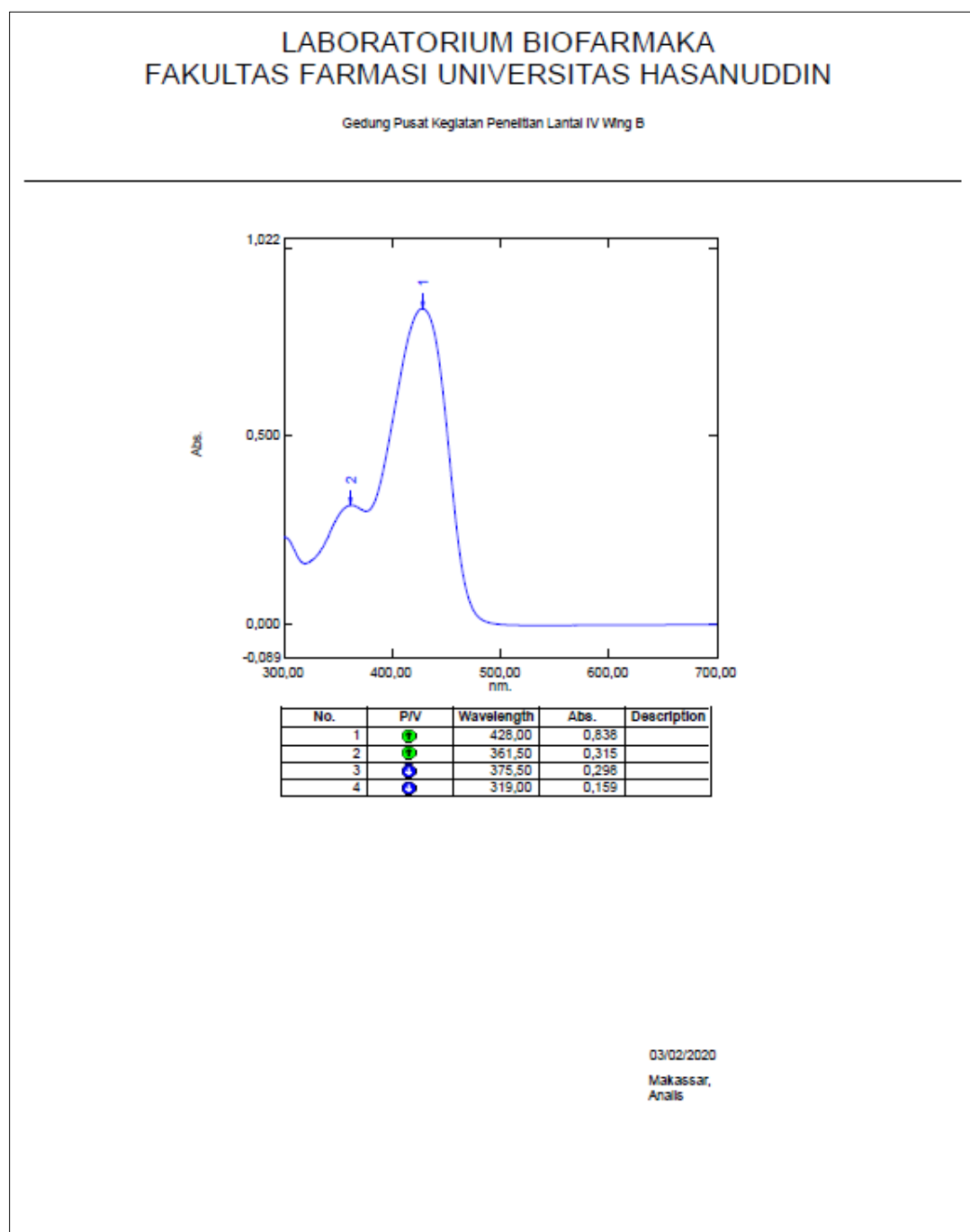
No.	Responden	Organoleptik	MK A	MK B	MK C	MK D
1	A	Aroma	Khas madu	Sedikit aroma daun kelor	Sedikit aroma daun kelor	Sedikit aroma daun kelor
		Warna	Kuning muda	Kuning muda	Kuning	Kuning kecoklatan
		Rasa	Manis	Manis	Manis	Manis
2	B	Aroma	Khas madu	Sedikit aroma daun kelor	Sedikit aroma daun kelor	Sedikit aroma daun kelor
		Warna	Kuning muda	Kuning muda	Kuning	Kuning kecoklatan
		Rasa	Manis	Manis	Manis	Manis
3	C	Aroma	Khas madu	Sedikit aroma daun kelor	Sedikit aroma daun kelor	Sedikit aroma daun kelor
		Warna	Kuning muda	Kuning muda	Kuning	Kuning kecoklatan
		Rasa	Manis	Manis	Manis	Manis



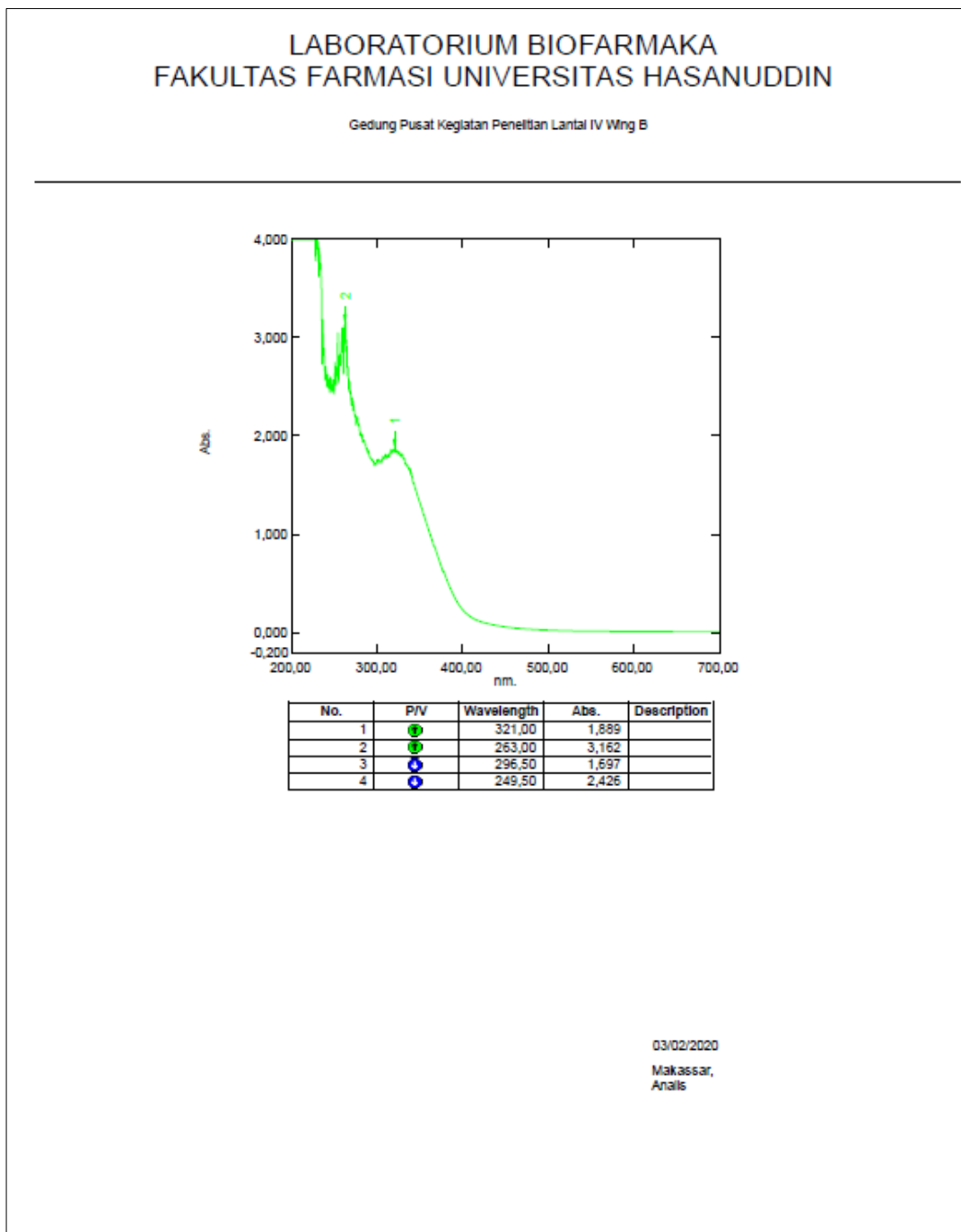
## Lampiran 4. Pengukuran Lamda Maksimum Asam Galat



## Lampiran 5. Pengukuran Lamda Maksimum Kuersetin



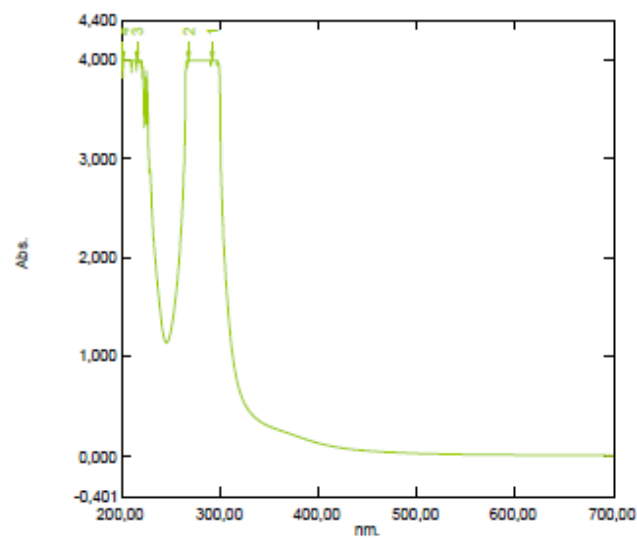
Lampiran 6. Profil senyawa kimia infus daun kelor menggunakan spektrofotometer UV-Vis



Lampiran 7. Profil senyawa kimia MP (Madu Pasaran) menggunakan spektrofotometer UV-Vis

LABORATORIUM BIOFARMAKA  
FAKULTAS FARMASI UNIVERSITAS HASANUDDIN

Gedung Pusat Kegiatan Penelitian Lantai IV Wing B



No.	P/V	Wavelength	Abs.	Description
1	●	291,50	4,000	
2	●	268,00	4,000	
3	●	215,50	4,000	
4	●	201,50	4,000	
5	●	290,50	3,941	
6	●	245,50	1,146	
7	●	215,00	3,887	

30/04/2020

Makassar,  
Analis

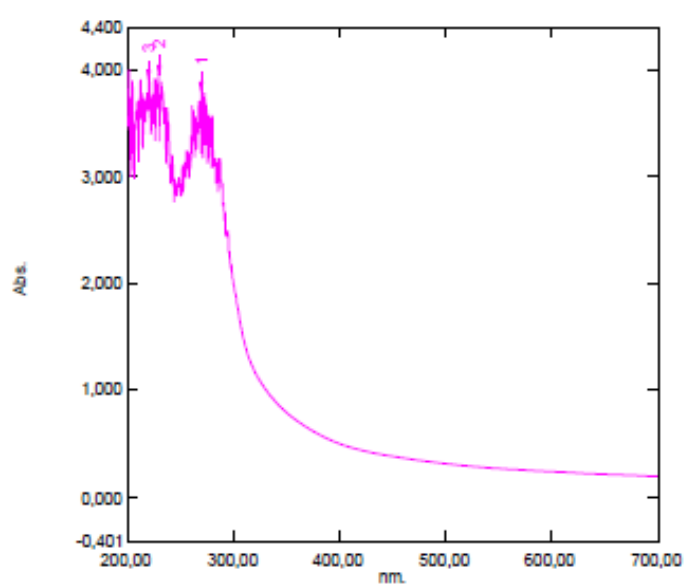


Optimization Software:  
[www.balesio.com](http://www.balesio.com)

Lampiran 8. . Profil senyawa kimia MK A menggunakan spektrofotometer UV-Vis

LABORATORIUM BIOFARMAKA  
FAKULTAS FARMASI UNIVERSITAS HASANUDDIN

Gedung Pusat Kegiatan Penelitian Lantai IV Wing B



No.	P/V	Wavelength	Abs.	Description
1	●	270,00	3,804	madu kelor 0
2	●	229,50	3,969	
3	●	220,00	3,919	
4	●	244,00	2,769	
5	●	222,00	3,404	

30/04/2020

Makassar,  
Analis



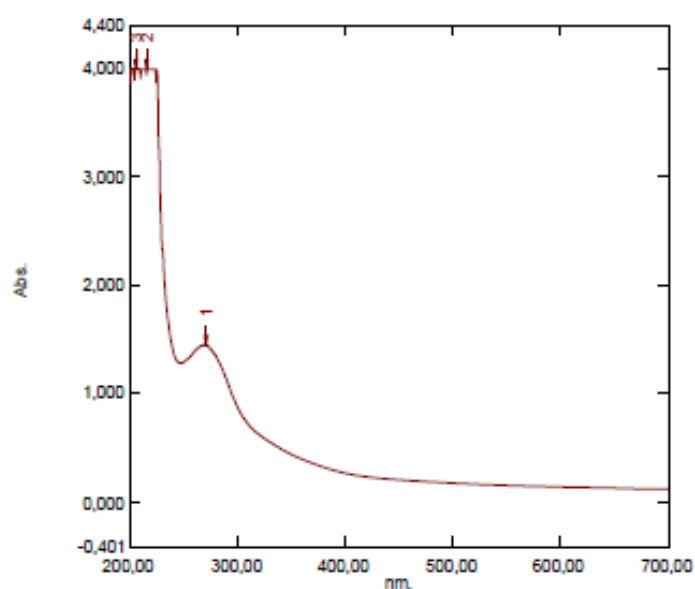
Optimization Software:  
[www.balesio.com](http://www.balesio.com)



Lampiran 9. Profil senyawa kimia MK B menggunakan spektrofotometer UV-Vis

LABORATORIUM BIOFARMAKA  
FAKULTAS FARMASI UNIVERSITAS HASANUDDIN

Gedung Pusat Kegiatan Penelitian Lantai IV Wing B



No.	P/V	Wavelength	Abs.	Description
1	●	271,50	1,456	
2	●	216,00	4,000	
3	●	205,00	4,000	
4	●	248,00	1,286	
5	●	215,50	3,940	
6	●	204,50	3,896	

30/04/2020

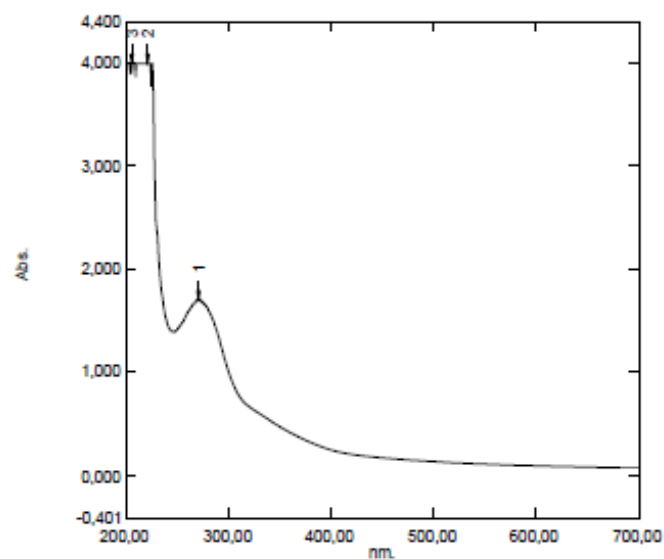
Makassar,  
Analis



Lampiran 10. Profil senyawa kimia MK C menggunakan spektrofotometer UV-Vis

LABORATORIUM BIOFARMAKA  
FAKULTAS FARMASI UNIVERSITAS HASANUDDIN

Gedung Pusat Kegiatan Penelitian Lantai IV Wing B



No.	PV	Wavelength	Abs.	Description
1	●	271,50	1,712	
2	●	221,50	4,000	
3	●	206,00	4,000	
4	●	247,00	1,394	
5	●	221,00	3,986	
6	●	204,00	3,893	

30/04/2020  
Makassar,  
Analis

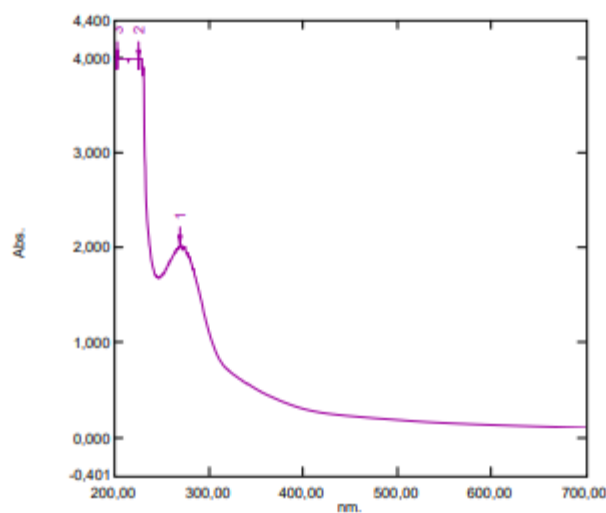


Optimization Software:  
[www.balesio.com](http://www.balesio.com)

Lampiran 11. Profil senyawa kimia MK D menggunakan spektrofotometer UV-Vis

LABORATORIUM BIOFARMAKA  
FAKULTAS FARMASI UNIVERSITAS HASANUDDIN

Gedung Pusat Kegiatan Penelitian Lantai IV Wing B



No.	P/V	Wavelength	Abs.	Description
1	●	269,50	2,043	
2	●	226,00	4,000	
3	●	203,00	4,000	
4	●	247,50	1,684	
5	●	225,50	3,880	
6	●	202,50	3,885	

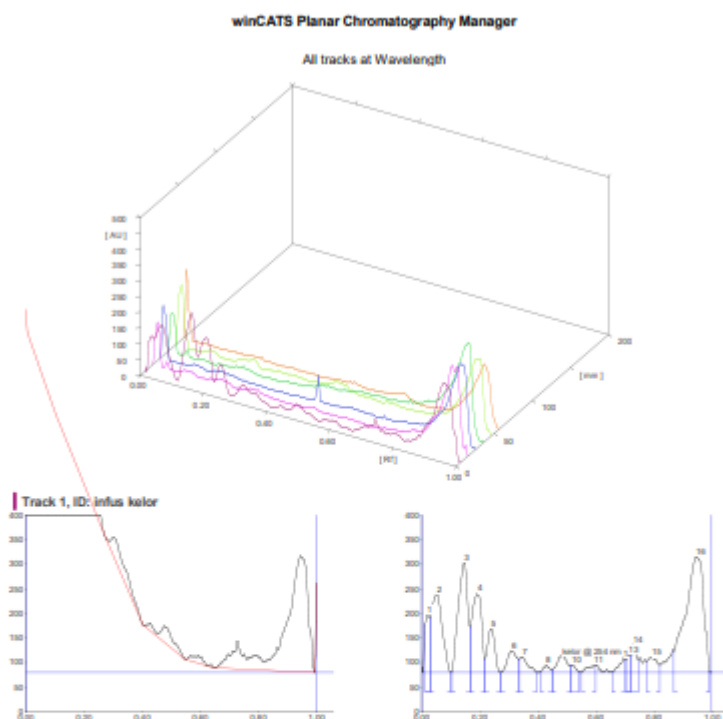
30/04/2020

Makassar,

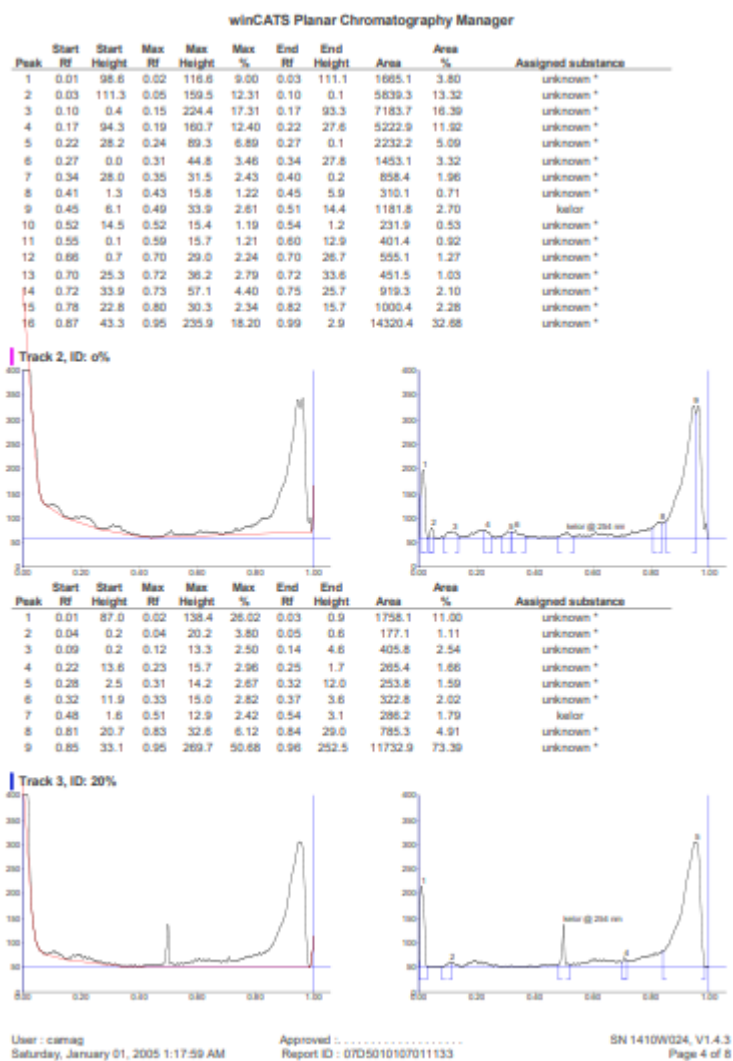


Optimization Software:  
[www.balesio.com](http://www.balesio.com)

## Lampiran 12. Profil senyawa kimia madu-kelor menggunakan densitometri

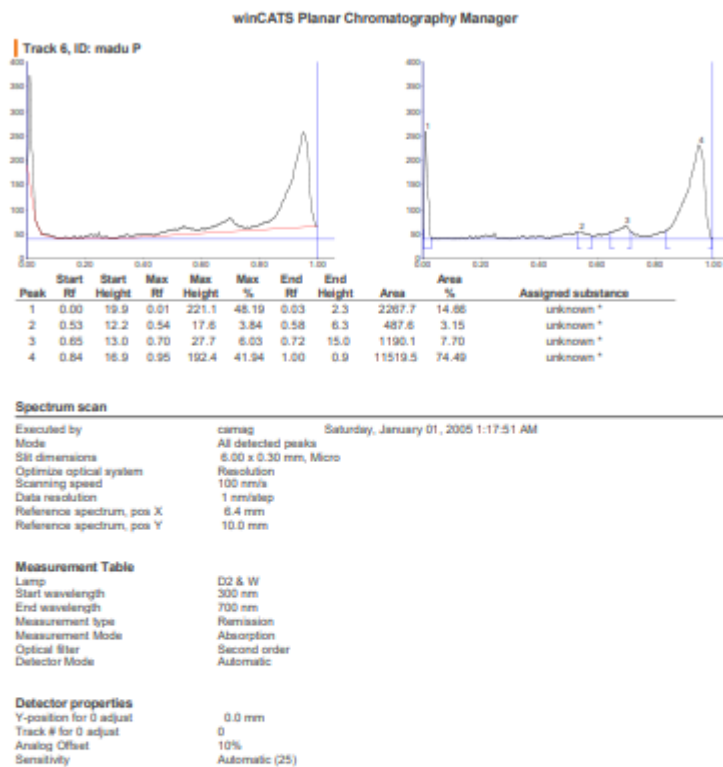


Lanjutan lampiran 12.





Lanjutan lampiran 12.



User : camag  
Saturday, January 01, 2005 1:17:59 AM

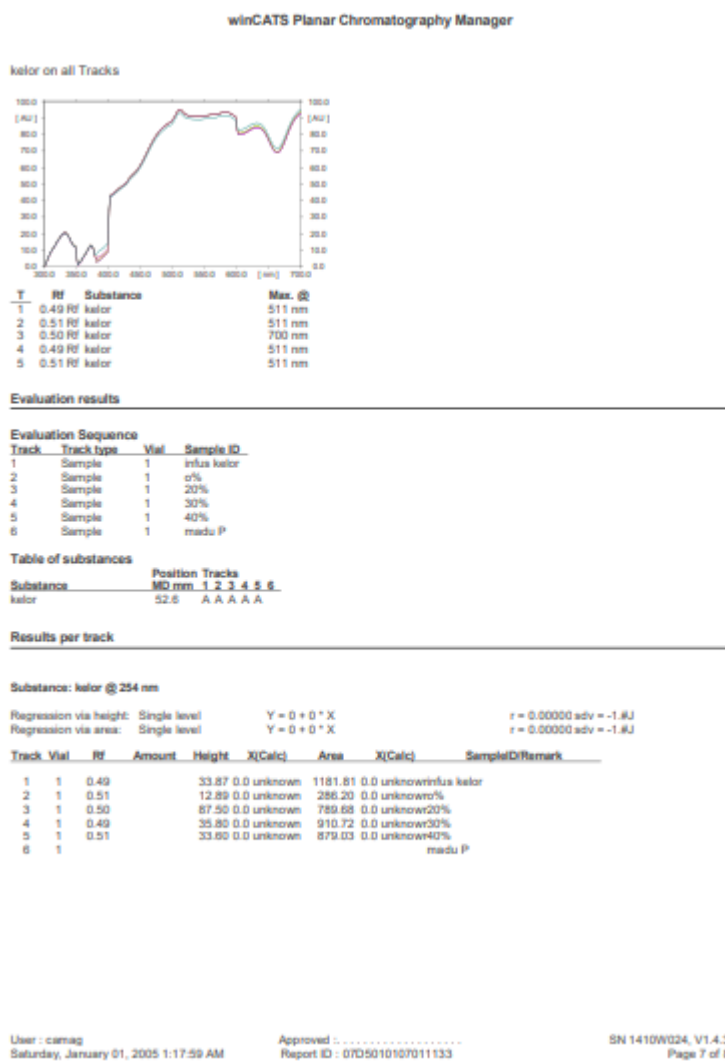
Approved : .....  
Report ID : 07D5010107011133

SN 1410W024, V1.4.3  
Page 6 of 8



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## Lanjutan lampiran 12.





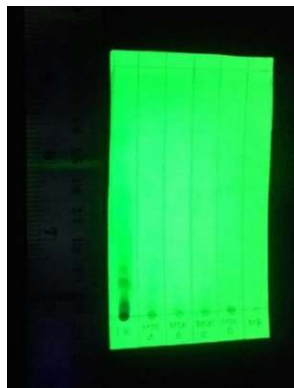
## Lampiran 13. Gambar Penelitian



Gambar 12. Proses pembuatan infus daun kelor



Gambar 13. Pakan sirup gula dan infus daun kelor untuk lebah (3 : 2)



Gambar 14. Penampakan lempeng di bawah sinar UV 254 nm



Gambar 15. Penampakan lempeng di bawah sinar UV 366 nm



Gambar 16. Proses partisi madu-  
kelor dan infus daun kelor

