

**Lampiran 1. Data berat ekstrak dan rendemen (%)**

<b>Sampel</b>	<b>Berat Cawan Kosong (gr)</b>	<b>Berat Cawan + Ekstrak (gr)</b>	<b>Ekstrak (gr)</b>	<b>Rendemen (%)</b>	<b>Rata-Rata Rendemen</b>
D <sub>0</sub> B <sub>0</sub>	28,1036	31,1778	3,0741	6,1482	6,1482 ± 0.00000
D <sub>0</sub> B <sub>1</sub>	98,4213	100,7374	2,3161	4,6322	6,6138 ± 2.80240
	132,2726	136,5703	4,2977	8,5954	
D <sub>0</sub> B <sub>2</sub>	132,1096	136,2186	4,1091	8,2182	7,2553 ± 1.36174
	137,6089	140,7551	3,1462	6,2924	
D <sub>0</sub> B <sub>3</sub>	28,1493	31,5041	3,3548	6,7096	8,5431 ± 2.59296
	177,4841	182,6723	5,1883	10,3766	
D <sub>1</sub> B <sub>0</sub>	30,0718	32,7194	2,6476	5,2952	5,2952 ± 0.00000
D <sub>1</sub> B <sub>1</sub>	132,1404	134,7680	2,6277	5,2554	5,3298 ± 0.10521
	132,1053	134,8074	2,7021	5,4042	
D <sub>1</sub> B <sub>2</sub>	125,8041	129,3799	3,5758	7,1516	5,8511 ± 1.83918
	98,3389	100,6142	2,2753	4,5506	
D <sub>1</sub> B <sub>3</sub>	31,0709	34,6590	3,5881	7,1762	5,8572 ± 1.86539
	137,5784	139,8475	2,2691	4,5382	
D <sub>2</sub> B <sub>0</sub>	28,1036	30,0877	1,9841	3,9682	3,9682 ± 0.00000
D <sub>2</sub> B <sub>1</sub>	132,1404	134,0995	1,9591	3,9182	4,5396 ± 0.87879
	132,1225	134,7030	2,5805	5,1610	
D <sub>2</sub> B <sub>2</sub>	98,3262	100,6141	2,2879	4,5758	4,8959 ± 0.45268
	125,8794	128,4874	2,6080	5,2160	
D <sub>2</sub> B <sub>3</sub>	31,0709	33,9132	2,8423	5,6846	5,2284 ± 0.64516
	137,5739	139,9600	2,3861	4,7722	
D <sub>3</sub> B <sub>0</sub>	31,0570	32,3627	1,3057	2,6114	2,6114 ± 0.00000
D <sub>3</sub> B <sub>1</sub>	132,1400	133,4612	1,3212	2,6424	3,1990 ± 0.78715
	132,1763	134,0541	1,8778	3,7556	
D <sub>3</sub> B <sub>2</sub>	98,4055	100,1888	1,7833	3,5666	3,5828 ± 0.02291
	125,8041	127,6016	1,7959	3,5990	
D <sub>3</sub> B <sub>3</sub>	28,1219	29,9583	1,8364	3,6728	4,3990 ± 1.02728
	137,5972	140,1600	2,5628	5,1256	

**Lampiran 2. Data Absorbansi dan Inhibisi (%) aktivitas antioksidan**

Sampel	Konsentrasi (ppm)	Absorbansi		% inhibisi	
		I	II	I	II
D <sub>0</sub> B <sub>0</sub>	Kontrol	0,680		-	
	20	0,353		48,08823	
	40	0,308		54,70588	
	80	0,296		56,47058	
	160	0,239		64,85294	
	320	0,135		80,14705	
D <sub>0</sub> B <sub>1</sub>	Kontrol	0,666	0,593	-	-
	20	0,349	0,335	47,59700	43,50759
	40	0,328	0,293	50,75000	50,59022
	80	0,264	0,26	60,36000	61,21417
	160	0,228	0,218	65,76500	63,23770
	320	0,219	0,150	77,57848	65,43002
D <sub>0</sub> B <sub>2</sub>	Kontrol	0,689	0,670	-	-
	20	0,377	0,375	45,28301	44,02985
	40	0,340	0,327	50,65312	51,19403
	80	0,274	0,259	60,23222	61,34328
	160	0,245	0,242	64,44122	63,88060
	320	0,216	0,217	68,65022	67,61194
D <sub>0</sub> B <sub>3</sub>	Kontrol	0,628	0,675	-	-
	20	0,361	0,344	42,51592	49,03770
	40	0,345	0,316	45,06369	53,18550
	80	0,297	0,284	52,70701	57,92500
	160	0,247	0,220	60,66879	67,11110
	320	0,112	0,148	82,16561	78,07440
D <sub>1</sub> B <sub>0</sub>	Kontrol	0,704		-	
	20	0,361		48,72159	
	40	0,345		50,99431	

	80	0,297		57,81250	
	160	0,247		64,91477	
	320	0,112		84,09999	
D <sub>1</sub> B <sub>1</sub>	Kontrol	0,819	0,609	-	-
	20	0,443	0,333	45,90965	45,3202
	40	0,432	0,302	47,25274	50,4105
	80	0,330	0,261	59,70695	57,1428
	160	0,301	0,224	63,24786	63,2183
	320	0,278	0,207	66,05616	66,0098
D <sub>1</sub> B <sub>2</sub>	Kontrol	0,738	0,598	-	-
	20	0,387	0,314	47,56097	47,49164
	40	0,361	0,285	51,08401	52,34114
	80	0,293	0,268	60,29810	55,18395
	160	0,257	0,223	65,17615	62,70900
	320	0,127	0,170	82,79132	70,90301
D <sub>1</sub> B <sub>3</sub>	Kontrol	0,686	0,695	-	-
	20	0,385	0,388	42,36527	41,12291
	40	0,345	0,312	48,35329	52,65554
	80	0,241	0,262	63,92216	60,24279
	160	0,223	0,231	66,61677	64,94689
	320	0,213	0,222	68,11377	66,31259
D <sub>2</sub> B <sub>0</sub>	Kontrol	0,789		-	
	20	0,389		43,54136	
	40	0,378		45,13788	
	80	0,288		58,20029	
	160	0,258		62,55443	
	320	0,236		65,74746	
D <sub>2</sub> B <sub>1</sub>	Kontrol	0,759	0,651	-	-
	20	0,414	0,346	45,45454	46,85100
	40	0,376	0,316	50,46113	51,45929
	80	0,338	0,284	55,46772	56,37481

	160	0,306	0,244	59,68379	62,51920
	320	0,215	0,148	71,67325	77,26575
D <sub>2</sub> B <sub>2</sub>	Kontrol	0,654	0,574	-	-
	20	0,340	0,321	48,01223	44,07666
	40	0,326	0,28	50,15291	48,95470
	80	0,304	0,256	53,51682	61,49826
	160	0,247	0,212	62,23240	63,06620
	320	0,210	0,169	67,88990	70,55749
D <sub>2</sub> B <sub>3</sub>	Kontrol	0,822	0,818	-	-
	20	0,420	0,452	48,9051	44,74328
	40	0,400	0,422	51,33819	48,41076
	80	0,368	0,315	55,23114	61,49144
	160	0,291	0,270	64,59854	66,99267
	320	0,153	0,204	81,38686	75,06112
D <sub>3</sub> B <sub>0</sub>	Kontrol	0,664		-	
	20	0,371		44,12651	
	40	0,350		47,28916	
	80	0,328		50,60241	
	160	0,275		58,58434	
	320	0,204		69,27711	
D <sub>3</sub> B <sub>1</sub>	Kontrol	0,583	0,788	-	-
	20	0,359	0,495	38,42196	37,18274
	40	0,315	0,397	45,96913	49,61929
	80	0,258	0,358	55,74614	54,56853
	160	0,206	0,275	64,66552	65,10152
	320	0,176	0,204	69,81132	74,11168
D <sub>3</sub> B <sub>2</sub>	Kontrol	0,620	0,670	-	-
	20	0,350	0,371	43,54838	44,62687
	40	0,323	0,353	47,90322	47,31343
	80	0,285	0,319	54,03225	52,38806
	160	0,253	0,260	59,19354	61,19403

	320	0,230	0,206	62,90322	69,25373
D <sub>3</sub> B <sub>3</sub>	Kontrol	0,640	0,608	-	-
	20	0,375	0,341	41,40625	43,91447
	40	0,314	0,333	50,93750	45,23026
	80	0,298	0,255	53,43750	58,05921
	160	0,255	0,219	60,15625	63,98026
	320	0,204	0,122	68,12500	79,93421

**Lampiran 3. Data IC<sub>50</sub>**

Sampel	Replikasi	Persamaan	Nilai IC <sub>50</sub>	Rata-Rata	Kategori
D <sub>0</sub> B <sub>0</sub>	-	$y = 0,1002x + 48,431$	15,65868	$15,65868 \pm 0,00000^{abc}$	Sangat Kuat
D <sub>0</sub> B <sub>1</sub>	1	$y = 0,0958x + 48,527$	15,37557	$14,02395 \pm 1,91176^{bc}$	Sangat Kuat
	2	$y = 0,061x + 49,227$	12,67213		Sangat Kuat
D <sub>0</sub> B <sub>2</sub>	1	$y = 0,0699x + 49,184$	11,67382	$10,81445 \pm 1,21532^{ab}$	Sangat Kuat
	2	$y = 0,0668x + 49,335$	9,95509		Sangat Kuat
D <sub>0</sub> B <sub>3</sub>	1	$y = 0,1304x + 40,452$	8,44657	$7,43779 \pm 1,42640^a$	Sangat Kuat
	2	$y = 0,0941x + 49,395$	6,42933		Sangat Kuat
D <sub>1</sub> B <sub>0</sub>	-	$y = 0,1164x + 46,879$	26,81271	$26,81271 \pm 0,00000^{fg}$	Sangat Kuat
D <sub>1</sub> B <sub>1</sub>	1	$y = 0,0647x + 48,408$	24,60587	$23,38230 \pm 1,73038^{efg}$	Sangat Kuat
	2	$y = 0,063x + 48,604$	22,15873		Sangat Kuat
D <sub>1</sub> B <sub>2</sub>	1	$y = 0,1123x + 47,459$	22,62689	$20,94081 \pm 2,38447^{def}$	Sangat Kuat
	2	$y = 0,0738x + 48,579$	19,25474		Sangat Kuat
D <sub>1</sub> B <sub>3</sub>	1	$y = 0,0751x + 48,565$	19,10786	$18,86633 \pm 0,34156^{cde}$	Sangat Kuat
	2	$y = 0,0669x + 48,754$	18,62481		Sangat Kuat

D <sub>2</sub> B <sub>0</sub>	-	$y = 0,0715x + 46,166$	53,62237	$53,62237 \pm 0,00000^i$	Kuat
D <sub>2</sub> B <sub>1</sub>	1	$y = 0,0805x + 46,569$	42,62112	$37,02856 \pm 7,90907^h$	Sangat Kuat
	2	$y = 0,0961x + 46,979$	31,43600		Sangat Kuat
D <sub>2</sub> B <sub>2</sub>	1	$y = 0,067x + 48,057$	29,07463	$28,20018 \pm 1,23665^g$	Sangat Kuat
	2	$y = 0,0789x + 47,844$	27,32573		Sangat Kuat
D <sub>2</sub> B <sub>3</sub>	1	$y = 0,1083x + 46,857$	29,02124	$27,73946 \pm 1,81271^g$	Sangat Kuat
	2	$y = 0,0957x + 47,468$	26,45768		Sangat Kuat
D <sub>3</sub> B <sub>0</sub>	-	$y = 0,0823x + 43,769$	75,71084	$75,71084 \pm 0,00000k$	Kuat
D <sub>3</sub> B <sub>1</sub>	1	$y = 0,0958x + 43,046$	72,58872	$69,99463 \pm 3,66859^k$	Kuat
	2	$y = 0,1081x + 42,714$	67,40055		Kuat
D <sub>3</sub> B <sub>2</sub>	1	$y = 0,0593x + 46,163$	64,70489	$63,98234 \pm 1,02183^j$	Kuat
	2	$y = 0,0816x + 44,838$	63,25980		Kuat
D <sub>3</sub> B <sub>3</sub>	1	$y = 0,077x + 45,267$	61,46753	$58,02261 \pm 4,87184^i$	Kuat
	2	$y = 0,1184x + 43,538$	54,57770		Kuat

Keterangan: notasi huruf a, b, c, ... k didapatkan dari tabel uji lanjut (Duncan)

**Lampiran 4. Data pengukuran pH**

Sampel	Replikasi		Rata-Rata
	I	II	
D <sub>0</sub> B <sub>0</sub>	3,70		3,70 ±0.00000 <sup>j</sup>
D <sub>0</sub> B <sub>1</sub>	3,00	3,03	3.01 ±0.02121 <sup>h</sup>
D <sub>0</sub> B <sub>2</sub>	3,03	3,06	3.04 ±0.02121 <sup>hi</sup>
D <sub>0</sub> B <sub>3</sub>	3,06	3,07	3.06 ±0.00707 <sup>i</sup>
D <sub>1</sub> B <sub>0</sub>	2,83		2.83 ±0.00000 <sup>f</sup>
D <sub>1</sub> B <sub>1</sub>	2,83	2,86	2.84 ±0.02121 <sup>fg</sup>
D <sub>1</sub> B <sub>2</sub>	2,84	2,86	2.85 ±0.01414 <sup>fg</sup>
D <sub>1</sub> B <sub>3</sub>	2,86	2,88	2.87 ±0.01414 <sup>g</sup>
D <sub>2</sub> B <sub>0</sub>	2,58		2.58 ±0.00000 <sup>c</sup>
D <sub>2</sub> B <sub>1</sub>	2,61	2,67	2.64 ±0.04243 <sup>d</sup>
D <sub>2</sub> B <sub>2</sub>	2,67	2,67	2.67 ±0.00000 <sup>de</sup>
D <sub>2</sub> B <sub>3</sub>	2,69	2,70	2.69 ±0.00707 <sup>e</sup>
D <sub>3</sub> B <sub>0</sub>	2,51		2.51 ±0.00000 <sup>a</sup>
D <sub>3</sub> B <sub>1</sub>	2,52	2,54	2.53 ±0.02828 <sup>ab</sup>
D <sub>3</sub> B <sub>2</sub>	2,54	2,58	2.56 ±0.00707 <sup>bc</sup>
D <sub>3</sub> B <sub>3</sub>	2,58	2,59	2.58 ±0.00707 <sup>c</sup>

Keterangan: notasi huruf a, b, c,...j didapatkan dari tabel uji lanjut (Duncan)



## Lampiran 5. Data uji hedonik

### 1. Data penilaian uji hedonik hari 0

Panelis	Warna				Aroma				Rasa			
	D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub>	D <sub>0</sub> B <sub>2</sub>	D <sub>0</sub> B <sub>3</sub>	D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub>	D <sub>0</sub> B <sub>2</sub>	D <sub>0</sub> B <sub>3</sub>	D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub>	D <sub>0</sub> B <sub>2</sub>	D <sub>0</sub> B <sub>3</sub>
1	3	3	4	5	3	4	4	3	5	4	5	5
2	5	5	3	5	4	2	5	4	3	5	5	2
3	5	3	5	4	3	4	5	5	1	1	4	3
4	2	2	4	3	5	2	3	3	2	2	2	2
5	5	5	4	2	1	5	4	4	1	3	1	3
6	2	5	2	1	4	5	3	2	1	3	5	1
7	3	2	3	1	3	4	5	1	3	2	2	3
8	4	4	5	2	4	1	5	1	4	2	5	4
9	2	5	3	2	2	2	1	5	1	1	3	4
10	3	4	4	4	2	3	3	3	4	3	4	5
11	1	1	4	4	3	1	3	3	1	4	4	1
12	3	4	1	4	2	5	1	1	1	1	2	1
13	1	3	4	3	1	2	3	2	4	3	4	2
14	5	2	4	2	5	2	4	1	5	1	5	1
15	2	1	5	1	2	4	1	1	2	3	2	3
16	4	3	5	5	3	5	1	5	5	5	1	2
17	3	4	2	3	3	1	5	4	5	2	1	2
18	2	5	2	3	5	2	2	1	2	5	4	2
19	5	5	3	2	2	4	2	3	5	5	2	2
20	1	3	3	4	4	4	5	4	4	5	1	4
21	4	4	5	4	4	4	1	3	3	1	5	4
22	2	1	5	2	1	5	3	5	5	4	1	1
23	5	5	3	4	3	1	1	2	5	5	2	4
24	4	5	2	5	5	4	3	4	3	2	5	2
25	2	2	3	2	2	3	4	1	5	3	3	5
26	3	5	4	2	1	5	2	2	4	4	2	2
27	5	5	3	5	2	4	5	4	3	5	1	2
28	2	3	3	1	2	3	4	5	5	1	4	2
29	1	3	2	1	1	4	3	4	2	1	1	4
30	1	2	1	4	1	4	5	2	2	4	1	1

2. Data penilaian uji hedonik hari 7

Panelis	Warna				Aroma				Rasa			
	D <sub>1</sub> B <sub>0</sub>	D <sub>1</sub> B <sub>1</sub>	D <sub>1</sub> B <sub>2</sub>	D <sub>1</sub> B <sub>3</sub>	D <sub>1</sub> B <sub>0</sub>	D <sub>1</sub> B <sub>1</sub>	D <sub>1</sub> B <sub>2</sub>	D <sub>1</sub> B <sub>3</sub>	D <sub>1</sub> B <sub>0</sub>	D <sub>1</sub> B <sub>1</sub>	D <sub>1</sub> B <sub>2</sub>	D <sub>1</sub> B <sub>3</sub>
1	4	4	4	4	3	2	3	5	4	1	1	4
2	3	5	4	3	3	3	3	4	2	2	3	1
3	5	4	2	4	3	3	4	4	2	3	1	3
4	1	4	1	3	5	2	2	5	2	4	2	5
5	1	4	1	1	5	1	4	5	1	4	3	1
6	5	1	2	1	1	4	5	3	1	4	3	5
7	5	3	3	4	3	5	2	3	5	4	1	1
8	4	5	3	5	3	5	2	4	4	1	3	1
9	5	3	5	5	1	5	4	3	2	2	2	5
10	1	1	1	2	5	3	3	5	5	2	5	2
11	1	3	4	1	3	4	4	1	1	5	5	1
12	1	1	1	1	2	1	5	1	1	4	1	3
13	5	2	2	3	2	5	5	4	4	4	1	4
14	1	1	5	2	5	2	3	2	1	5	3	3
15	2	2	1	2	5	2	4	4	1	3	5	1
16	5	5	3	3	2	1	2	4	3	1	3	5
17	5	5	4	3	2	5	2	5	2	2	3	5
18	3	3	1	5	5	3	2	4	5	5	5	2
19	3	5	3	2	4	5	5	3	4	5	2	4
20	4	5	3	3	4	4	5	4	4	3	2	5
21	4	5	5	2	1	1	1	4	5	1	1	3
22	1	2	4	1	4	1	1	1	4	4	3	3
23	4	4	1	1	5	4	2	5	1	5	1	2
24	1	5	2	2	4	3	1	4	3	2	2	1
25	1	5	2	4	3	4	1	3	5	3	3	4
26	1	3	5	2	3	4	5	2	1	5	4	1
27	2	3	1	2	5	3	2	4	2	4	5	3
28	2	1	2	5	4	5	2	4	3	1	3	1
29	4	3	3	1	5	2	1	1	2	2	4	5
30	3	3	2	4	3	2	2	5	2	3	5	4

3. Data penilaian uji hedonik hari 14

Panelis	Warna				Aroma				Rasa			
	D <sub>2</sub> B <sub>0</sub>	D <sub>2</sub> B <sub>1</sub>	D <sub>2</sub> B <sub>2</sub>	D <sub>2</sub> B <sub>3</sub>	D <sub>2</sub> B <sub>0</sub>	D <sub>2</sub> B <sub>1</sub>	D <sub>2</sub> B <sub>2</sub>	D <sub>2</sub> B <sub>3</sub>	D <sub>2</sub> B <sub>0</sub>	D <sub>2</sub> B <sub>1</sub>	D <sub>2</sub> B <sub>2</sub>	D <sub>2</sub> B <sub>3</sub>
1	5	5	5	4	3	3	5	4	4	1	4	2
2	2	4	3	3	5	5	1	3	2	1	5	5
3	4	3	1	5	5	4	3	2	3	5	4	5
4	4	1	4	1	4	1	3	3	1	4	5	2
5	3	1	4	1	1	2	1	3	3	2	1	5
6	1	2	1	5	4	1	1	3	4	2	3	2
7	2	4	1	4	4	3	3	4	5	4	1	1
8	5	4	4	5	1	2	5	5	3	2	4	5
9	2	2	4	3	3	2	2	5	4	2	4	2
10	2	4	4	1	3	5	4	1	5	1	2	2
11	4	2	2	5	1	3	1	4	4	3	3	4
12	2	4	2	5	4	4	4	5	1	5	3	5
13	2	5	1	4	2	4	2	2	4	2	4	4
14	2	3	5	2	5	3	2	3	2	4	1	3
15	1	3	3	3	2	5	5	4	3	3	5	5
16	3	2	3	1	2	4	2	2	2	3	4	2
17	4	3	3	3	2	1	4	4	1	1	2	2
18	1	3	1	2	1	5	1	5	1	1	5	5
19	5	2	4	5	2	1	3	2	2	5	4	4
20	5	4	3	4	5	5	1	4	2	4	4	2
21	2	2	1	5	3	3	4	5	5	4	2	2
22	5	2	1	4	2	3	4	3	3	5	5	4
23	1	4	4	4	2	4	1	2	2	5	5	2
24	3	5	5	1	3	4	1	4	5	4	2	3
25	1	5	4	5	2	2	5	2	2	1	4	2
26	4	2	1	2	4	2	3	3	3	4	1	4
27	3	2	2	2	5	1	5	2	4	3	1	1
28	4	2	1	5	3	5	4	5	1	4	1	3
29	5	5	2	4	1	5	4	5	1	5	5	1
30	5	2	1	5	1	5	2	5	3	5	2	2

4. Data penilaian uji hedonik Hari 21

Panelis	Warna				Aroma				Rasa			
	D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub>	D <sub>3</sub> B <sub>2</sub>	D <sub>3</sub> B <sub>3</sub>	D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub>	D <sub>3</sub> B <sub>2</sub>	D <sub>3</sub> B <sub>3</sub>	D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub>	D <sub>3</sub> B <sub>2</sub>	D <sub>3</sub> B <sub>3</sub>
1	4	4	4	3	2	2	3	3	3	1	1	3
2	3	5	4	2	3	5	3	5	2	5	3	5
3	3	3	2	5	5	4	1	1	3	5	3	1
4	2	2	2	3	3	5	5	4	2	4	5	4
5	5	3	4	5	4	3	1	5	1	4	3	1
6	2	3	2	2	3	3	1	5	5	2	4	2
7	1	1	4	5	5	3	4	5	4	5	2	2
8	4	3	4	4	1	3	1	2	3	1	5	4
9	2	3	2	2	4	2	5	5	3	2	2	3
10	2	3	2	4	2	3	5	1	5	1	5	3
11	2	4	4	3	3	4	1	3	5	3	5	5
12	4	4	3	5	4	2	2	1	2	3	3	5
13	5	2	1	5	3	5	1	4	1	1	2	3
14	3	4	3	4	3	2	2	5	5	3	3	5
15	1	4	3	1	5	4	1	4	4	3	5	1
16	1	4	3	3	4	3	1	1	5	4	1	4
17	3	4	1	1	3	1	5	1	1	4	1	5
18	5	5	3	4	1	5	1	3	4	4	4	4
19	2	2	5	3	2	5	4	4	5	2	5	5
20	1	3	2	2	1	1	4	5	5	5	5	3
21	3	4	3	1	4	2	1	1	5	2	5	1
22	2	2	1	2	3	1	3	5	1	5	4	4
23	3	2	3	3	5	3	3	3	5	1	3	2
24	1	3	1	2	1	2	1	2	4	2	4	1
25	1	2	5	2	5	5	4	4	2	2	1	5
26	5	3	1	4	2	3	2	1	1	4	1	3
27	5	1	4	3	5	5	4	1	2	5	1	4
28	5	4	1	5	1	2	1	1	1	5	4	5
29	3	5	4	3	2	1	4	3	2	2	2	3
30	3	1	4	3	4	5	1	3	5	5	2	1

## Lampiran 6. Rata-rata skor uji hedonik

### 1. Warna

Hari Fermentasi (D)	Skor Warna			
	B <sub>0</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>
0	3.00 ± 1.438	3.47 ± 1.383	3.37 ± 1.189	3.00 ± 1.390
7	2.90 ± 1.626	3.33 ± 1.446	2.67 ± 1.398	2.70 ± 1.368
14	3.07 ± 1.461	3.07 ± 1.258	2.67 ± 1.446	3.43 ± 1.501
21	2.87 ± 1.408	3.10 ± 1.155	2.83 ± 1.262	3.13 ± 1.279

### 2. Aroma

Hari Fermentasi (D)	Skor Warna			
	B <sub>0</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>
0	2.77 ± 1.331	3.30 ± 1.368	3.20 ± 1.472	2.93 ± 1.437
7	3.43 ± 1.331	3.13 ± 1.432	2.90 ± 1.423	3.53 ± 1.306
14	2.83 ± 1.392	3.23 ± 1.455	2.87 ± 1.479	3.47 ± 1.224
21	3.10 ± 1.373	3.13 ± 1.408	2.50 ± 1.548	3.03 ± 1.608

### 3. Rasa

Hari Fermentasi (D)	Skor Warna			
	B <sub>0</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>
0	3.20 ± 1.540	3.00 ± 1.509	2.90 ± 1.583	2.63 ± 1.299
7	2.73 ± 1.484	3.13 ± 1.408	2.83 ± 1.416	2.93 ± 1.574
14	2.83 ± 1.341	3.17 ± 1.487	3.20 ± 1.495	3.03 ± 1.402
21	3.20 ± 1.584	3.17 ± 1.487	3.13 ± 1.502	3.23 ± 1.478

### Lampiran 7. Perhitungan penambahan natrium benzoat

$$\text{Batas maksimum BTP} \times \text{volume teh kombucha (mL)}$$

Diketahui :

$$\text{Volume teh kombucha} = 600 \text{ mL} = 600 \text{ gram}$$

$$\text{Batas maksimum natrium benzoat} = 600 \text{ mg/kg}$$

Penyelesaian :

$$\begin{aligned} \text{Batas maksimum BTP} &= \frac{600 \text{ mg}}{1000 \text{ gram}} \times 600 \text{ gram} \\ &= 360 \text{ mg} \end{aligned}$$

Jadi variasi penambahan natrium benzoat pada teh kombucha yaitu 120 mg, 240 mg, dan 360 mg

### Lampiran 8. Perhitungan rendemen

$$\text{Rendemen (\%)} = \frac{\text{Bobot ekstrak (gram)}}{\text{Volume sampel (mL)}} \times 100\%$$

#### Sampel D<sub>0</sub>B<sub>0</sub>

Diketahui :

$$\text{Bobot ekstrak} : 3,0741 \text{ gram}$$

$$\text{Volume sampel} : 50 \text{ mL}$$

Penyelesaian :

$$\begin{aligned} \text{Rendemen (\%)} &= \frac{3,0741 \text{ gram}}{50 \text{ mL}} \times 100\% \\ &= 6,1482 \% \end{aligned}$$

Dengan cara yang sama seperti diatas, didapatkan hasil perhitungan rendemen ekstrak teh kombucha lainnya pada tabel.

### Lampiran 9. Perhitungan pembuatan larutan DPPH 0,4 mM

$$0,4 \text{ mM} = \frac{\text{mg}}{\text{Mr}} \times \frac{1000}{v \text{ (mL)}}$$

$$0,4 \text{ mM} = \frac{x}{394,32} \times \frac{1000}{25}$$

$$x = 3,9432 \text{ mg (dibulatkan menjadi 3,9 mg)}$$

### Lampiran 10. Perhitungan % inhibisi

$$\% \text{ Inhibisi} = \frac{\text{Absorbansi kontrol} - \text{Absorbansi sampel}}{\text{Absorbansi kontrol}} \times 100\%$$

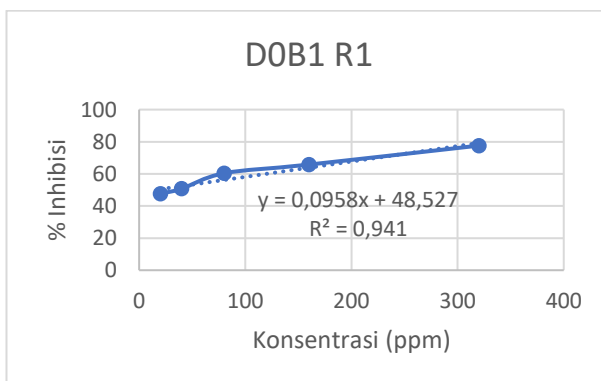
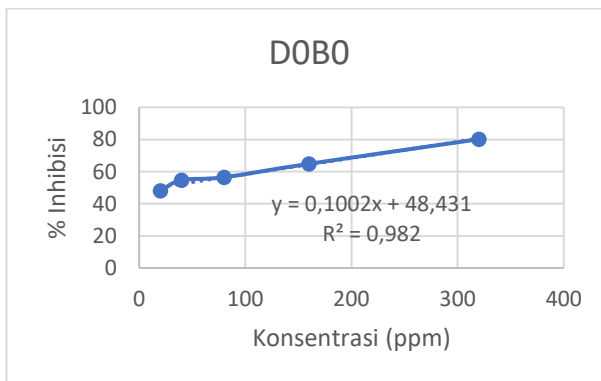
#### Sampel D<sub>0</sub>B<sub>0</sub> Konsentrasi 20 ppm

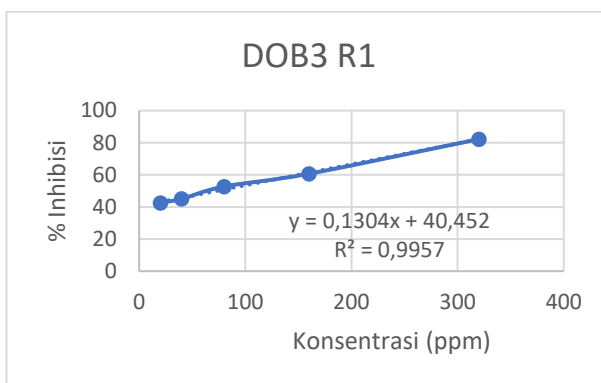
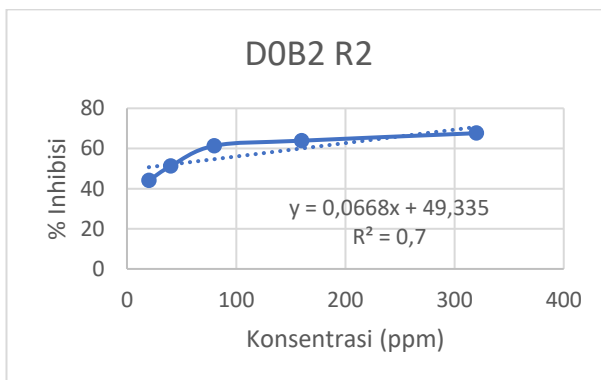
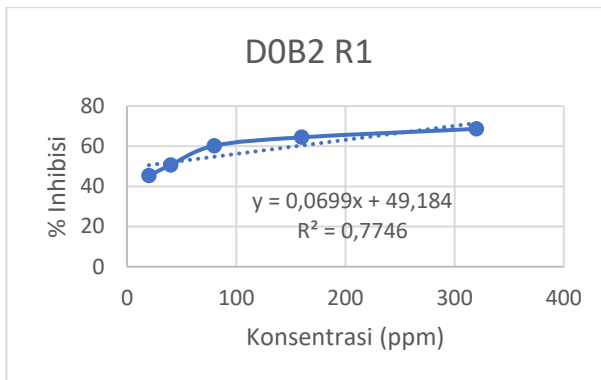
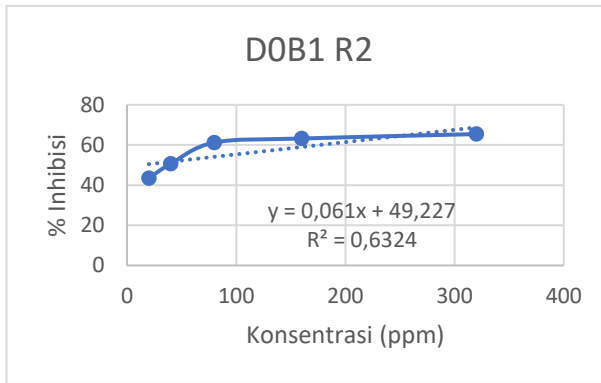
$$\% \text{ Inhibisi} = \frac{0,680 - 0,353}{0,680} \times 100\%$$

$$\% \text{ Inhibisi} = 48,08823\%$$

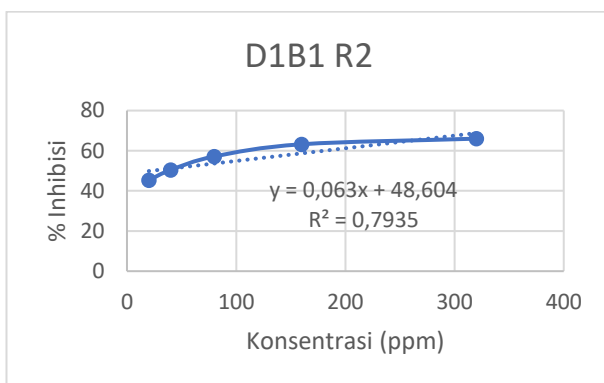
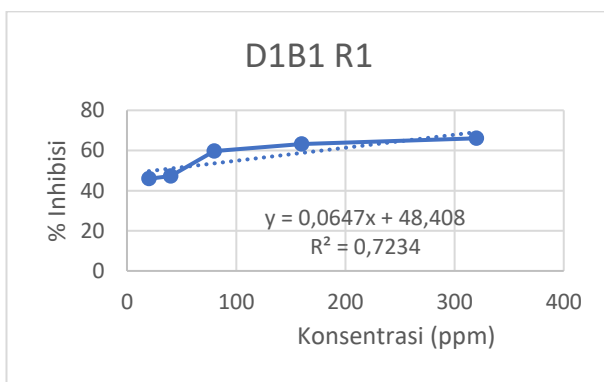
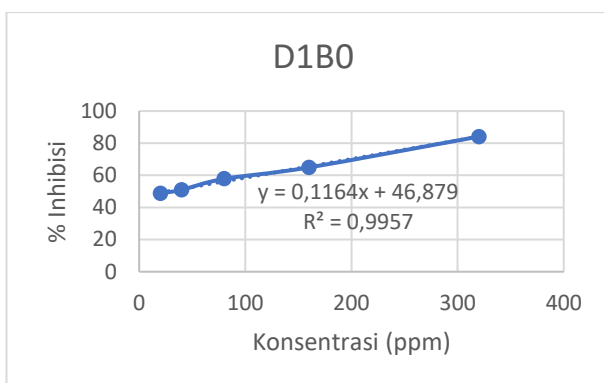
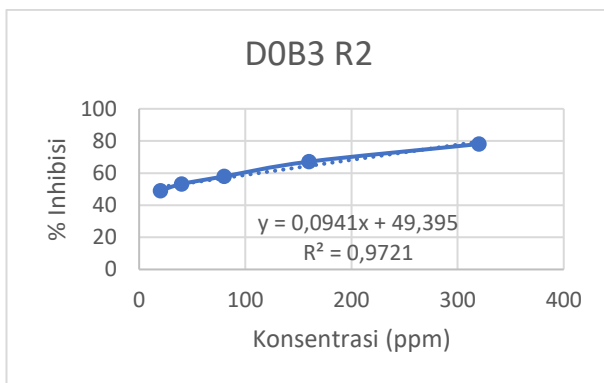
Dengan cara yang sama seperti diatas, didapatkan hasil perhitungan % Inhibisi pada setiap konsentrasi (20; 40; 80; 160; 320 ppm) larutan sampel teh kombucha lainnya pada tabel.

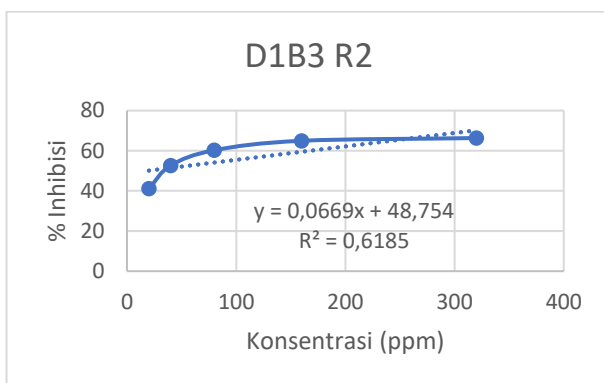
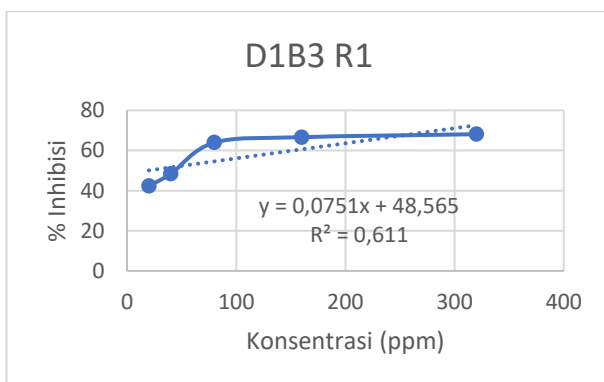
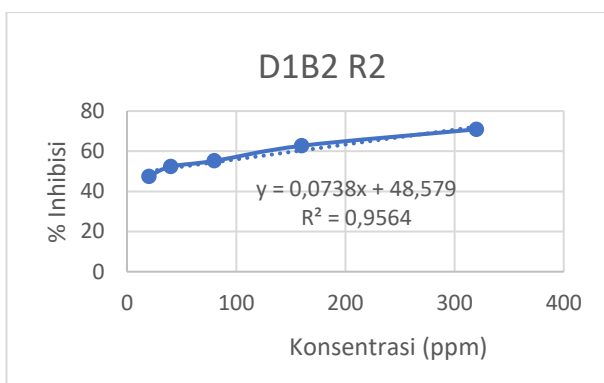
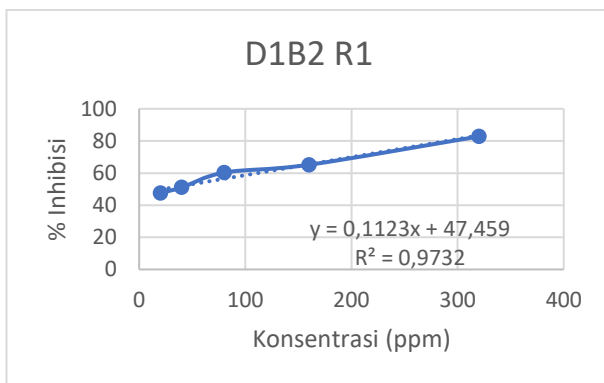
### Lampiran 11. Kurva uji aktivitas antioksidan

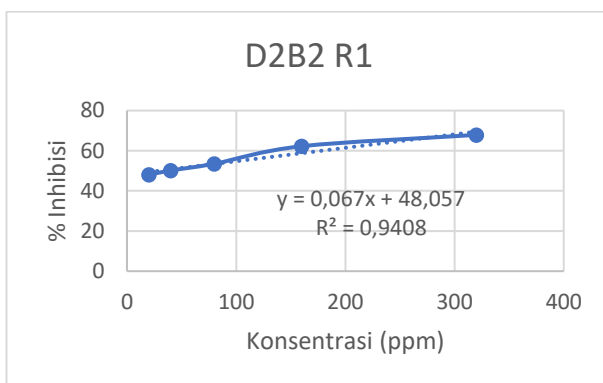
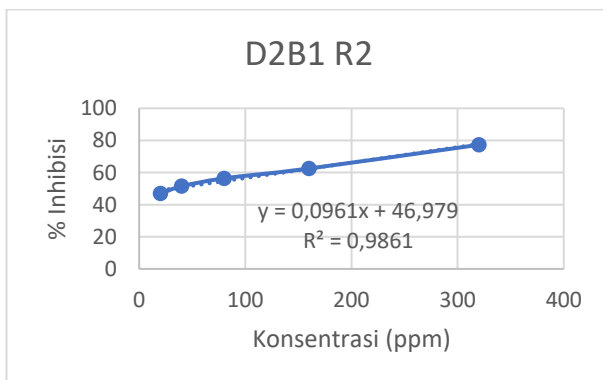
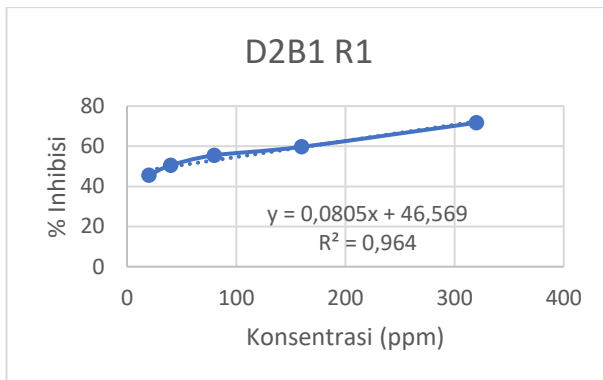
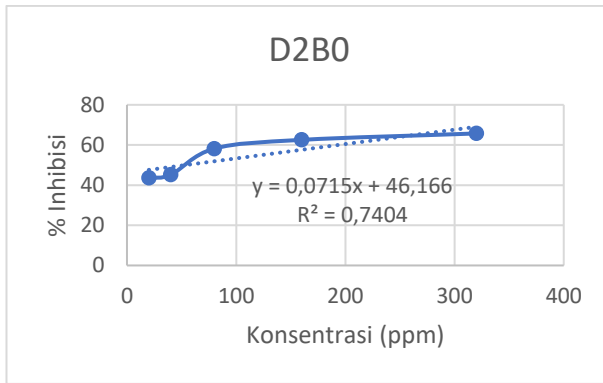


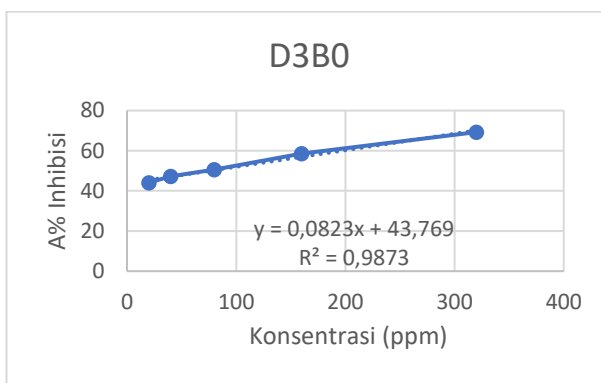
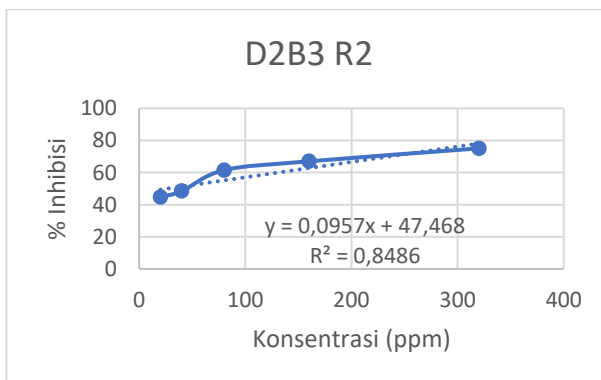
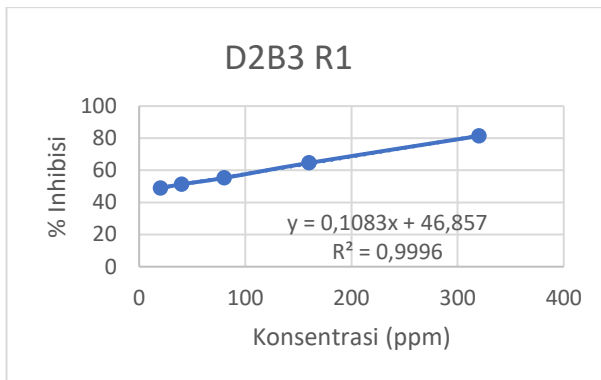
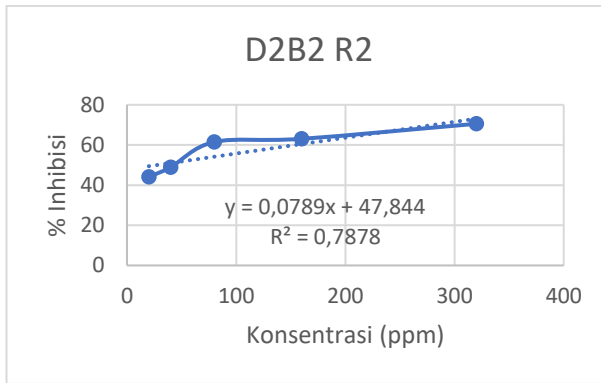


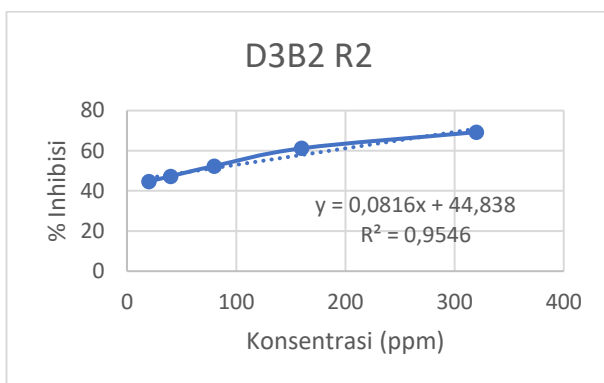
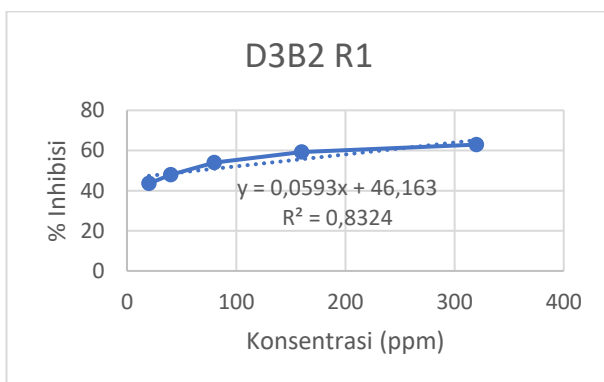
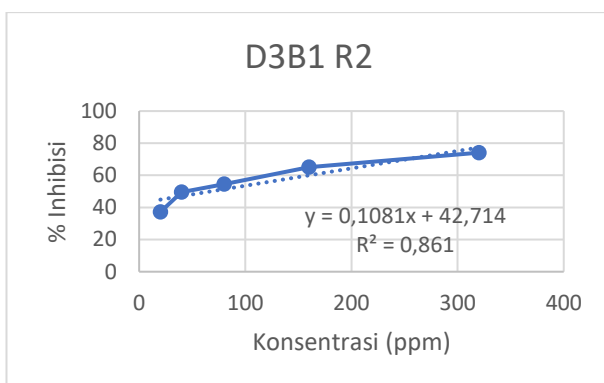
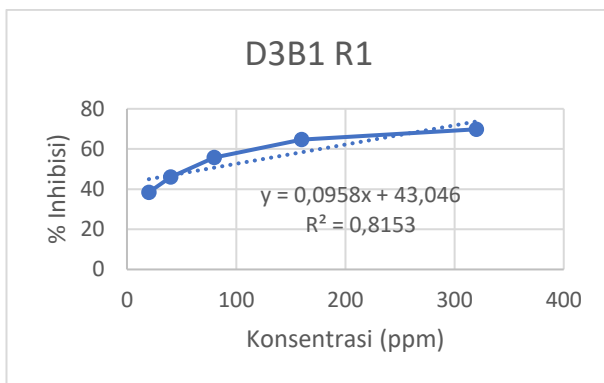


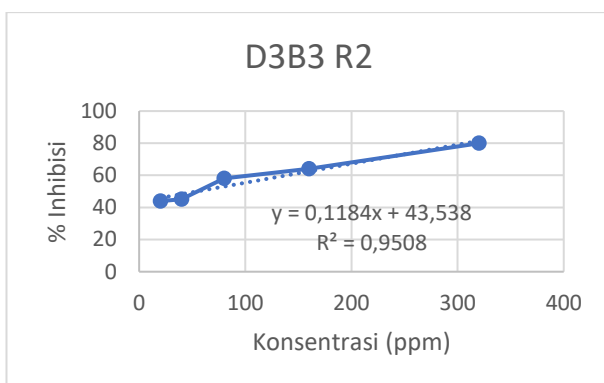
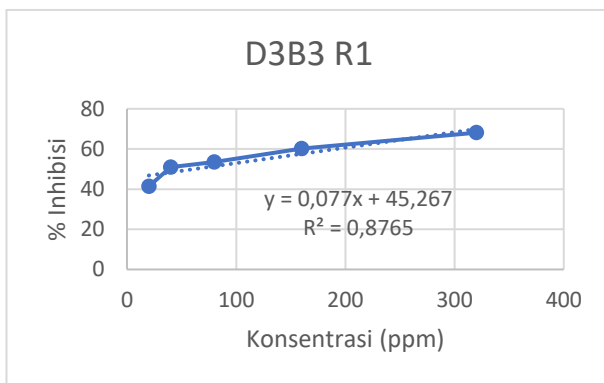
































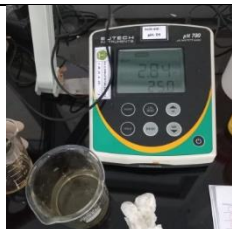
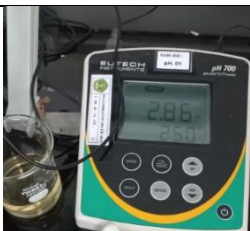
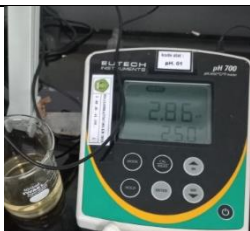



**Lampiran 12. Pembuatan teh kombucha**















<b>PEMBUATAN TEH KOMBUCHA</b>		
Penimbangan gula 350 gram		
Pelarutan gula dalam 2 Liter air	Penyeduhan teh dengan 9 kantong	Kultur SCOBY

		
Sterilisasi wadah pada suhu 121°C selama 2 jam		Pemindahan teh ke wadah fermentasi
		
Penambahan kultur SCOBY	Fermentasi selama 7 hari	Pemanasan teh 5 Liter pada suhu 50°C selama 5 menit
		
Penimbangan natrium benzoat		
		
Pelarutan natrium benzoat	Pemindahan teh ke botol fermentasi	
















**Lampiran 13. Pengukuran pH**



<b>PENGUKURAN pH</b>		
		
Kalibrasi (buffer pH 4)	D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub> replikasi 1
		
D <sub>0</sub> B <sub>1</sub> replikasi 2	D <sub>0</sub> B <sub>2</sub> replikasi 1	D <sub>0</sub> B <sub>2</sub> replikasi 2
		
D <sub>0</sub> B <sub>3</sub> replikasi 1	D <sub>0</sub> B <sub>3</sub> replikasi 2	D <sub>1</sub> B <sub>0</sub>
		
D <sub>1</sub> B <sub>1</sub> replikasi 1	D <sub>1</sub> B <sub>1</sub> replikasi 2	D <sub>1</sub> B <sub>2</sub> replikasi 1
		
D <sub>1</sub> B <sub>2</sub> replikasi 2	D <sub>1</sub> B <sub>3</sub> replikasi 1	D <sub>1</sub> B <sub>3</sub> replikasi 2








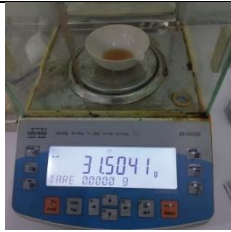









		
D <sub>2</sub> B <sub>0</sub>	D <sub>2</sub> B <sub>1</sub> replikasi 1	D <sub>2</sub> B <sub>1</sub> replikasi 2
		
D <sub>2</sub> B <sub>2</sub> replikasi 1	D <sub>2</sub> B <sub>2</sub> replikasi 2	D <sub>2</sub> B <sub>3</sub> replikasi 1
		
D <sub>2</sub> B <sub>3</sub> replikasi 2	D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub> replikasi 1
		
D <sub>3</sub> B <sub>1</sub> replikasi 2	D <sub>3</sub> B <sub>2</sub> replikasi 1	D <sub>3</sub> B <sub>2</sub> replikasi 2
		
D <sub>3</sub> B <sub>3</sub> replikasi 1		D <sub>3</sub> B <sub>3</sub> replikasi 2

**Lampiran 14. Penimbangan Cawan Kosong**

<b>PENIMBANGAN CAWAN KOSONG</b>		
		
D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub> Replikasi 1	D <sub>0</sub> B <sub>1</sub> Replikasi 2
		
D <sub>0</sub> B <sub>2</sub> Replikasi 1	D <sub>0</sub> B <sub>2</sub> Replikasi 2	D <sub>0</sub> B <sub>3</sub> Replikasi 1
		
D <sub>0</sub> B <sub>3</sub> Replikasi 2	D <sub>1</sub> B <sub>0</sub>	D <sub>1</sub> B <sub>1</sub> Replikasi 1
		
D <sub>1</sub> B <sub>1</sub> Replikasi 2	D <sub>1</sub> B <sub>2</sub> Replikasi 1	D <sub>1</sub> B <sub>2</sub> Replikasi 1
		
D <sub>1</sub> B <sub>3</sub> Replikasi 1	D <sub>1</sub> B <sub>3</sub> Replikasi 1	D <sub>2</sub> B <sub>0</sub>

















		
D <sub>2</sub> B <sub>1</sub> Replikasi 1	D <sub>2</sub> B <sub>1</sub> Replikasi 2	D <sub>2</sub> B <sub>2</sub> Replikasi 1
		
D <sub>2</sub> B <sub>2</sub> Replikasi 2	D <sub>2</sub> B <sub>3</sub> Replikasi 1	D <sub>2</sub> B <sub>3</sub> Replikasi 2
		
D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub> Replikasi 1	D <sub>3</sub> B <sub>1</sub> Replikasi 2
		
D <sub>3</sub> B <sub>2</sub> Replikasi 1	D <sub>3</sub> B <sub>2</sub> Replikasi 1	D <sub>3</sub> B <sub>3</sub> Replikasi 1
		
D <sub>3</sub> B <sub>3</sub> Replikasi 1		

**Lampiran 15. Penimbangan cawan dan ekstrak**






<b>PENIMBANGAN CAWAN + EKSTRAK</b>		
		
D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub> Replikasi 1	D <sub>0</sub> B <sub>1</sub> Replikasi 2
		
D <sub>0</sub> B <sub>2</sub> Replikasi 1	D <sub>0</sub> B <sub>2</sub> Replikasi 2	D <sub>0</sub> B <sub>3</sub> Replikasi 1
		
D <sub>0</sub> B <sub>3</sub> Replikasi 2	D <sub>1</sub> B <sub>0</sub>	D <sub>1</sub> B <sub>1</sub> Replikasi 1
		
D <sub>1</sub> B <sub>1</sub> Replikasi 2	D <sub>1</sub> B <sub>2</sub> Replikasi 1	D <sub>1</sub> B <sub>2</sub> Replikasi 1
		
D <sub>1</sub> B <sub>3</sub> Replikasi 1	D <sub>1</sub> B <sub>3</sub> Replikasi 1	D <sub>2</sub> B <sub>0</sub>




		
D <sub>2</sub> B <sub>1</sub> Replikasi 1	D <sub>2</sub> B <sub>1</sub> Replikasi 2	D <sub>2</sub> B <sub>2</sub> Replikasi 1
		
D <sub>2</sub> B <sub>2</sub> Replikasi 2	D <sub>2</sub> B <sub>3</sub> Replikasi 1	D <sub>2</sub> B <sub>3</sub> Replikasi 2
		
D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub> Replikasi 1	D <sub>3</sub> B <sub>1</sub> Replikasi 2
		
D <sub>3</sub> B <sub>2</sub> Replikasi 1	D <sub>3</sub> B <sub>2</sub> Replikasi 2	D <sub>3</sub> B <sub>3</sub> Replikasi 1
		
D <sub>3</sub> B <sub>3</sub> Replikasi 2		

Lampiran 16. Hasil Ekstrak


HASIL EKSTRAK			
			
D <sub>0</sub> B <sub>0</sub>	D <sub>0</sub> B <sub>1</sub>	D <sub>0</sub> B <sub>2</sub>	D <sub>0</sub> B <sub>3</sub>
			
D <sub>1</sub> B <sub>0</sub>	D <sub>1</sub> B <sub>1</sub>	D <sub>1</sub> B <sub>2</sub>	D <sub>1</sub> B <sub>3</sub>
			
D <sub>2</sub> B <sub>0</sub>	D <sub>2</sub> B <sub>1</sub>	D <sub>2</sub> B <sub>2</sub>	D <sub>2</sub> B <sub>3</sub>
			
D <sub>3</sub> B <sub>0</sub>	D <sub>3</sub> B <sub>1</sub>	D <sub>3</sub> B <sub>2</sub>	D <sub>3</sub> B <sub>1</sub>

### Lampiran 17. Pengukuran aktivitas antioksidan dengan DPPH

<b>PROSEDUR</b>		
		
Pemekatan teh pada Suhu 50°C dan 50 rpm	Proses pemekatan teh sebanyak 50 mL	Penimbangan padatan DPPH (3,9 mg)
		
Larutan DPPH (0,4 mM)	Pengukuran panjang gelombang maksimum (520 nm)	





<b>HASIL PENGUKURAN</b>	
	
Larutan sampel (500 ppm)	Larutan sampel seri pengenceran (20;40;80;160;320 ppm)
	
Larutan setelah diinkubasi selama 30 menit	

## Lampiran 18. Form uji hedonik

<b>FORM UJI HEDONIK</b>	
 <p><b>KUESIONER TINGKAT KESUKAAN PANELIS PADA TEH KOMBUCHA DENGAN PENAMBAHAN BTP</b></p> <p>p17120213032_canlika@poltekkes-malang.ac.id Ganti akun</p> <p>Nama, alamat email, dan foto yang terkait dengan Akun Google Anda akan direkam saat Anda mengupload file dan mengirimkan formulir ini</p> <p>File apa pun yang diupload akan dibagikan di luar organisasi tempat file tersebut berada.</p> <p>* Menunjukkan pertanyaan yang wajib diisi</p> <p>Email *</p> <p>Email Anda</p>	<div style="background-color: #f4a460; padding: 5px; text-align: center;"><b>WARNA</b></div> <p><b>INSTRUKSI</b></p> <ol style="list-style-type: none"> <li>Amati warna sampel satu persatu dari kiri ke kanan</li> <li>Berikan penilaian anda berdasarkan tingkat kesukaan dengan mengisi pada kolom respon</li> <li>Jangan membandingkan tingkat kesukaan anda antar sampel</li> <li>Setelah selesai, berikan komentar anda pada kolom respon</li> </ol> <p>KODE SAMPEL (37549) *</p> <p><input type="radio"/> (5) Sangat Suka</p> <p><input type="radio"/> (4) Suka</p> <p><input type="radio"/> (3) Cukup Suka</p> <p><input type="radio"/> (2) Tidak Suka</p> <p><input type="radio"/> (1) Sangat Tidak Suka</p>
<b>Cover</b>	<b>Parameter warna</b>
<div style="background-color: #f4a460; padding: 5px; text-align: center;"><b>BAU</b></div> <p><b>INSTRUKSI</b></p> <ol style="list-style-type: none"> <li>Cium aroma sampel satu persatu dari kiri ke kanan</li> <li>Berikan penilaian anda berdasarkan tingkat kesukaan dengan mengisi pada kolom respon</li> <li>Jangan membandingkan tingkat kesukaan anda antar sampel</li> <li>Setelah selesai, berikan komentar anda pada kolom respon</li> </ol> <p>KODE SAMPEL (37549) *</p> <p><input type="radio"/> (5) Sangat Suka</p> <p><input type="radio"/> (4) Suka</p> <p><input type="radio"/> (3) Cukup Suka</p> <p><input type="radio"/> (2) Tidak Suka</p> <p><input type="radio"/> (1) Sangat Tidak Suka</p>	<div style="background-color: #f4a460; padding: 5px; text-align: center;"><b>RASA</b></div> <p><b>INSTRUKSI</b></p> <ol style="list-style-type: none"> <li>Cicipi sampel satu persatu dari kiri ke kanan namun <b>JANGAN DITELAN</b></li> <li>Netralkan (kumur-kumur) ldera pengecap anda dengan air putih setiap selesai mencicipi satu sampel</li> <li>Berikan penilaian anda berdasarkan tingkat kesukaan dengan mengisi pada kolom respon</li> <li>Jangan membandingkan tingkat kesukaan anda antar sampel</li> <li>Setelah selesai, berikan komentar anda pada kolom respon</li> </ol> <p>KODE SAMPEL (37549) *</p> <p><input type="radio"/> (5) Sangat Suka</p> <p><input type="radio"/> (4) Suka</p> <p><input type="radio"/> (3) Cukup Suka</p> <p><input type="radio"/> (2) Tidak Suka</p> <p><input type="radio"/> (1) Sangat Tidak Suka</p>
<b>Parameter aroma</b>	<b>Parameter rasa</b>



## Lampiran 19. Kegiatan uji hedonik

UJI HEDONIK	
	
<b>Hari 0</b>	<b>Hari 7</b>
	
<b>Hari 14</b>	<b>Hari 21</b>

## Lampiran 20. Hasil pengujian dengan statistik

### 1. Aktivitas antioksidan

IC50	Descriptives							
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1.00	2	15.6586800	.00000000	.00000000	15.6586800	15.6586800	15.65868	15.65868
2.00	2	14.0239550	1.91176925	1.35182500	-3.1526102	31.2005202	12.67213	15.37578
3.00	2	10.8144550	1.21532564	.85936500	-1.048126	21.7337226	9.95509	11.67382
4.00	2	7.4379500	1.42640408	1.00862000	-5.3777822	20.2536822	6.42933	8.44657
5.00	2	26.8127100	.00000000	.00000000	26.8127100	26.8127100	26.81271	26.81271
6.00	2	23.3823000	1.73038929	1.22357000	7.8353691	38.9292309	22.15873	24.60587
7.00	2	20.9408150	2.38447013	1.68607500	-.4827992	42.3644292	19.25474	22.62689
8.00	2	18.8663350	.34156793	.24152500	15.7974689	21.9352011	18.62481	19.10786
9.00	2	53.6223700	.00000000	.00000000	53.6223700	53.6223700	53.62237	53.62237
10.00	2	37.0285600	7.90907420	5.59256000	-34.0316524	108.0887724	31.43600	42.62112
11.00	2	28.2001800	1.23665905	.87445000	17.0892393	39.3111207	27.32573	29.07463
12.00	2	27.7394600	1.81271066	1.28178000	11.4529009	44.0260191	26.45768	29.02124
13.00	2	75.7108400	.00000000	.00000000	75.7108400	75.7108400	75.71084	75.71084
14.00	2	69.9946350	3.66859019	2.59408500	37.0336599	102.9556101	67.40055	72.58872
15.00	2	63.9823450	1.02183294	.72254500	54.8015403	73.1631497	63.25980	64.70489
16.00	2	58.0226150	4.87184551	3.44491500	14.2508197	101.7944103	54.57770	61.46753
Total	32	34.5148878	22.11048646	3.90861873	26.5432074	42.4865683	6.42933	75.71084

## ANOVA

IC50

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	15033.513	15	1002.234	131.906	.000
Within Groups	121.569	16	7.598		
Total	15155.082	31			

Duncan<sup>a</sup>

Subset for alpha = 0.05

SAMPEL	N	1	2	3	4	5	6	7	8	9	10	11
4.00	2	7.4379500										
3.00	2	10.8144550	10.8144550									
2.00	2		14.0239550	14.0239550								
1.00	2		15.6586800	15.6586800	15.6586800							
8.00	2			18.8663350	18.8663350	18.8663350						
7.00	2				20.9408150	20.9408150	20.9408150					
6.00	2					23.3823000	23.3823000	23.3823000				
5.00	2						26.8127100	26.8127100				
12.00	2							27.7394600				
11.00	2							28.2001800				
10.00	2								37.0285600			
9.00	2									53.6223700		
16.00	2									58.0226150		
15.00	2										63.9823450	
14.00	2											69.9946350
13.00	2											75.7108400
Sig.		.238	.114	.114	.087	.139	.059	.126	1.000	.130	1.000	.055

## 2. Nilai pH

### Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
D0B0	2	3.7000	.00000	.00000	3.7000	3.7000	3.70	3.70
D0B1	2	3.0150	.02121	.01500	2.8244	3.2056	3.00	3.03
D0B2	2	3.0450	.02121	.01500	2.8544	3.2356	3.03	3.06
D0B3	2	3.0650	.00707	.00500	3.0015	3.1285	3.06	3.07
D1B0	2	2.8300	.00000	.00000	2.8300	2.8300	2.83	2.83
D1B1	2	2.8450	.02121	.01500	2.6544	3.0356	2.83	2.86
D1B2	2	2.8500	.01414	.01000	2.7229	2.9771	2.84	2.86
D1B3	2	2.8700	.01414	.01000	2.7429	2.9971	2.86	2.88
D2B0	2	2.5800	.00000	.00000	2.5800	2.5800	2.58	2.58
D2B1	2	2.6400	.04243	.03000	2.2588	3.0212	2.61	2.67
D2B2	2	2.6700	.00000	.00000	2.6700	2.6700	2.67	2.67
D2B3	2	2.6950	.00707	.00500	2.6315	2.7585	2.69	2.70
D3B0	2	2.5100	.00000	.00000	2.5100	2.5100	2.51	2.51
D3B1	2	2.5300	.01414	.01000	2.4029	2.6571	2.52	2.54
D3B2	2	2.5600	.02828	.02000	2.3059	2.8141	2.54	2.58
D3B3	2	2.5850	.00707	.00500	2.5215	2.6485	2.58	2.59
Total	32	2.8119	.29617	.05236	2.7051	2.9187	2.51	3.70

### ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.715	15	.181	616.077	.000
Within Groups	.005	16	.000		
Total	2.719	31			

**Hasil**

Duncan<sup>a</sup>

Sampel	N	Subset for alpha = 0.05									
		1	2	3	4	5	6	7	8	9	10
D3B0	2	2.5100									
D3B1	2	2.5300	2.5300								
D3B2	2		2.5600	2.5600							
D2B0	2			2.5800							
D3B3	2			2.5850							
D2B1	2				2.6400						
D2B2	2				2.6700	2.6700					
D2B3	2					2.6950					
D1B0	2						2.8300				
D1B1	2						2.8450	2.8450			
D1B2	2						2.8500	2.8500			
D1B3	2							2.8700			
D0B1	2								3.0150		
D0B2	2								3.0450	3.0450	
D0B3	2									3.0650	
D0B0	2										3.7000
Sig.		.260	.099	.185	.099	.164	.285	.185	.099	.260	1.000

Means for groups in homogeneous subsets are displayed.  
a. Uses Harmonic Mean Sample Size = 2.000.

### 3. Uji hedonik

#### a. Warna

**Descriptives**

Warna

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
D0B0	30	3.00	1.438	.263	2.46	3.54	1	5
D0B1	30	3.47	1.383	.252	2.95	3.98	1	5
D0B2	30	3.37	1.189	.217	2.92	3.81	1	5
D0B3	30	3.00	1.390	.254	2.48	3.52	1	5
D1B0	30	2.90	1.626	.297	2.29	3.51	1	5
D1B1	30	3.33	1.446	.264	2.79	3.87	1	5
D1B2	30	2.67	1.398	.255	2.14	3.19	1	5
D1B3	30	2.70	1.368	.250	2.19	3.21	1	5
D2B0	30	3.07	1.461	.267	2.52	3.61	1	5
D2B1	30	3.07	1.258	.230	2.60	3.54	1	5
D2B2	30	2.67	1.446	.264	2.13	3.21	1	5
D2B3	30	3.43	1.501	.274	2.87	3.99	1	5
D3B0	30	2.87	1.408	.257	2.34	3.39	1	5
D3B1	30	3.10	1.155	.211	2.67	3.53	1	5
D3B2	30	2.83	1.262	.230	2.36	3.30	1	5
D3B3	30	3.13	1.279	.234	2.66	3.61	1	5
Total	480	3.04	1.382	.063	2.91	3.16	1	5

**ANOVA**

Warna

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	30.992	15	2.066	1.084	.369
Within Groups	884.333	464	1.906		
Total	915.325	479			

## b. Aroma

### Descriptives

Aroma									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
D0B0	30	2.77	1.331	.243	2.27	3.26	1	5	
D0B1	30	3.30	1.368	.250	2.79	3.81	1	5	
D0B2	30	3.20	1.472	.269	2.65	3.75	1	5	
D0B3	30	2.93	1.437	.262	2.40	3.47	1	5	
D1B0	30	3.43	1.331	.243	2.94	3.93	1	5	
D1B1	30	3.13	1.432	.261	2.60	3.67	1	5	
D1B2	30	2.90	1.423	.260	2.37	3.43	1	5	
D1B3	30	3.53	1.306	.238	3.05	4.02	1	5	
D2B0	30	2.83	1.392	.254	2.31	3.35	1	5	
D2B1	30	3.23	1.455	.266	2.69	3.78	1	5	
D2B2	30	2.87	1.479	.270	2.31	3.42	1	5	
D2B3	30	3.47	1.224	.224	3.01	3.92	1	5	
D3B0	30	3.10	1.373	.251	2.59	3.61	1	5	
D3B1	30	3.13	1.408	.257	2.61	3.66	1	5	
D3B2	30	2.50	1.548	.283	1.92	3.08	1	5	
D3B3	30	3.03	1.608	.294	2.43	3.63	1	5	
Total	480	3.09	1.418	.065	2.96	3.21	1	5	

### ANOVA

Aroma					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	35.065	15	2.338	1.168	.293
Within Groups	928.433	464	2.001		
Total	963.498	479			

## c. Rasa

### Descriptives

Rasa									
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
D0B0	30	3.20	1.540	.281	2.62	3.78	1	5	
D0B1	30	3.00	1.509	.275	2.44	3.56	1	5	
D0B2	30	2.90	1.583	.289	2.31	3.49	1	5	
D0B3	30	2.63	1.299	.237	2.15	3.12	1	5	
D1B0	30	2.73	1.484	.271	2.18	3.29	1	5	
D1B1	30	3.13	1.408	.257	2.61	3.66	1	5	
D1B2	30	2.83	1.416	.259	2.30	3.36	1	5	
D1B3	30	2.93	1.574	.287	2.35	3.52	1	5	
D2B0	30	2.83	1.341	.245	2.33	3.33	1	5	
D2B1	30	3.17	1.487	.272	2.61	3.72	1	5	
D2B2	30	3.20	1.495	.273	2.64	3.76	1	5	
D2B3	30	3.03	1.402	.256	2.51	3.56	1	5	
D3B0	30	3.20	1.584	.289	2.61	3.79	1	5	
D3B1	30	3.17	1.487	.272	2.61	3.72	1	5	
D3B2	30	3.13	1.502	.274	2.57	3.69	1	5	
D3B3	30	3.23	1.478	.270	2.68	3.79	1	5	
Total	480	3.02	1.465	.067	2.89	3.15	1	5	

### ANOVA

Rasa					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	16.058	15	1.071	.491	.945
Within Groups	1011.733	464	2.180		
Total	1027.792	479			