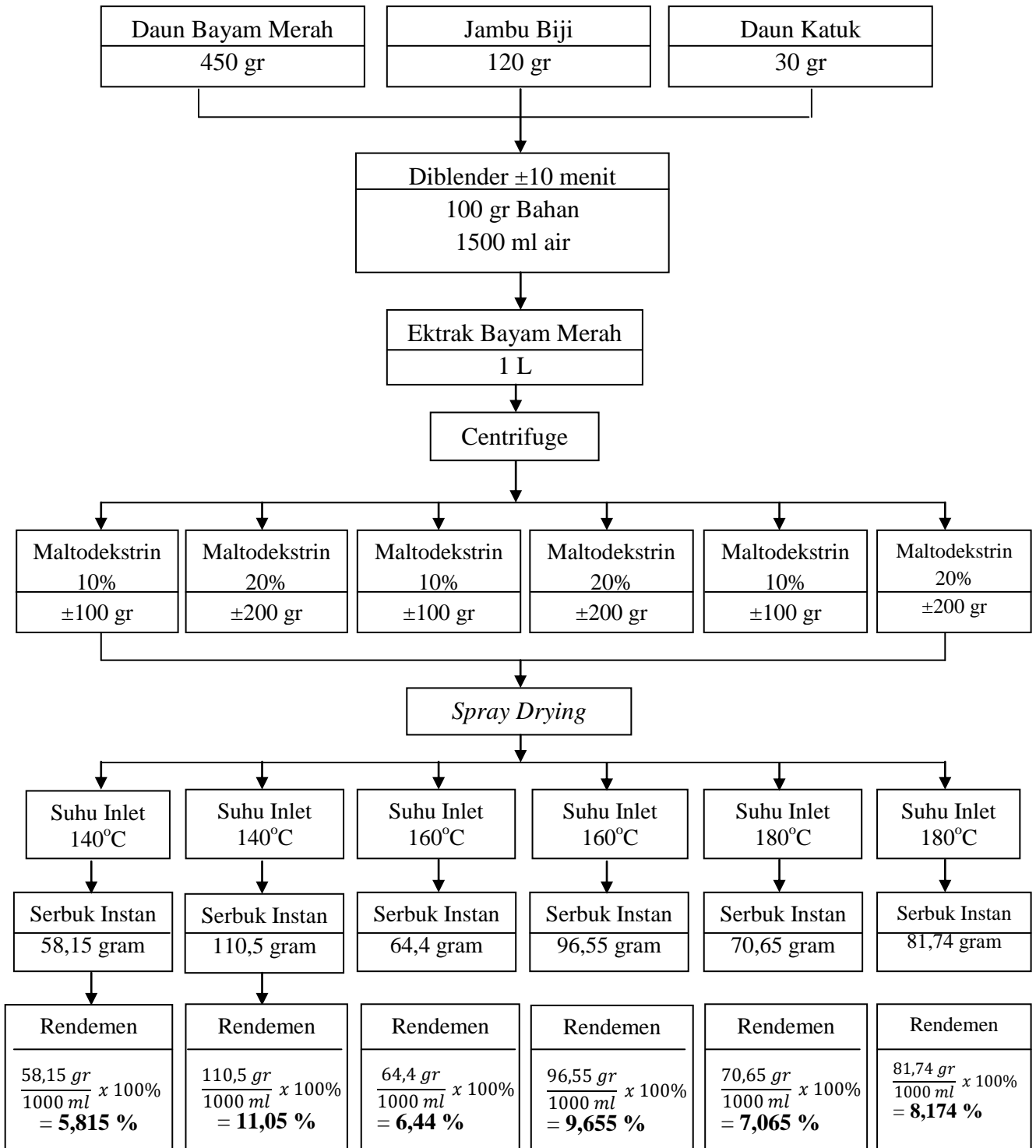


Lampiran 1. Desk Analysis Bahan Baku Serbuk Bayam Merah

Desk Analysis				
Zat Gizi	Bayam	Jambu Biji	Daun Katuk	Total
	Merah 75 gr	20 gr	5 gr	
Air (gr)	66,37	17,2	4,05	87,62
Energi (Kkal)	30,9	9,8	2,95	43,65
Protein (gr)	1,65	0,18	0,32	2,15
Lemak (gr)	0,6	0,06	0,05	0,71
Karbohidrat (gr)	4,72	2,44	0,49	7,65
Serat (gr)	1,65	-	0,07	1,72
Abu (gr)	1,65	0,12	0,08	1,85
Kalsium (mg)	390	2,8	11,65	404,45
Fosfor (mg)	60	5,6	4,9	70,5
Besi (mg)	5,25	0,22	0,17	5,64
Natrium (mg)	15	-	-	15
Kalium (mg)	45	-	-	45
Tembaga (mg)	0,15	-	-	0,15
Seng (mg)	0,6	-	-	0,6
β Karoten (ug)	5494	-	-	5494
Tiamin (mg)	0,15	0,004	0	0,154
Riboflavin (mg)	0,075	-	0,015	0,09
Niasin (mg)	0,075	-	0,115	0,19
Vitamin C (mg)	46,5	17,4	8,2	72,1

Sumber: Tabel Komposisi Pangan Indonesia, 2009

Lampiran 2. Proses Pengolahan/Neraca Masa



Lampiran 3. Formulir Uji Perbedaan Segitiga

FORMULIR UJI PEMBEDAAN SEGITIGA

Nama Panelis :
NIM :
Hari/Tanggal Pengujian :
Jenis Contoh : Produk Minuman

Instruksi

Panelis diminta untuk menilai atau mencari contoh yang berbeda diantara ketiga contoh produk. Panelis harus menunjukkan satu contoh yang berbeda dengan menuliskan angka 1 dan apabila contoh sama dituliskan angka 0. Hasil penilaian dapat dituliskan dalam formulir isian dibawah ini.

Kode	Kriteria Penilaian		
	Warna	Aroma	Rasa
296			
471			
835			

Lampiran 4. Formulir Uji Organoleptik

FORMULIR UJI ORGANOLEPTIK

DATA PANELIS

Nama :

Hari/Tanggal :

NIM :

Kode :

INSTRUKSI

Dihadapan saudara terdapat 6 macam produk minuman instan bayam merah, saudara diminta untuk menilai produk tersebut dengan analisis secara organoleptik diukur dari rasa, warna, aroma dan tekstur.

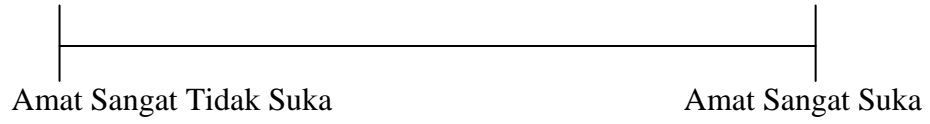
Sebelum mencicipi sampel berikutnya, anda diminta untuk mengkumur mulut terlebih dahulu dengan air mineral yang telah disediakan. Berikan tanda (•) pada garis yang telah disediakan pada masing-masing kategori pengukuran sesuai penilaian anda.

KETERANGAN

- a. Panjang garis 10 cm dengan range penilaian 0-100 mm
- b. Dalam penilaian, panelis boleh meletakkan dimana saja titik penilaiannya

Uji Hedonik atau Uji Kesukaan

Rasa



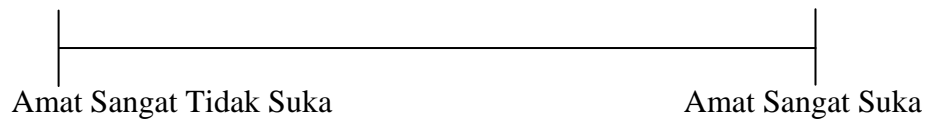
Uji Hedonik atau Uji Kesukaan

Warna



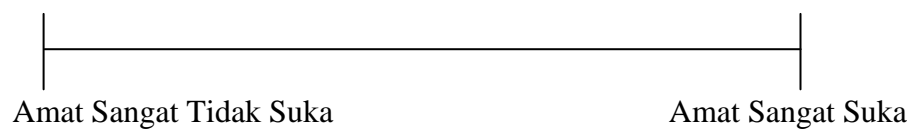
Uji Hedonik atau Uji Kesukaan

Aroma



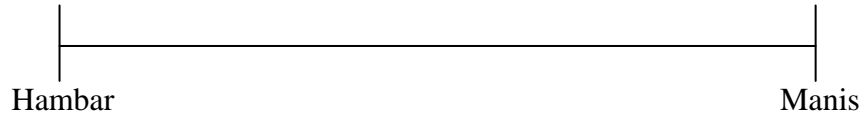
Uji Hedonik atau Uji Kesukaan

Konsistensi



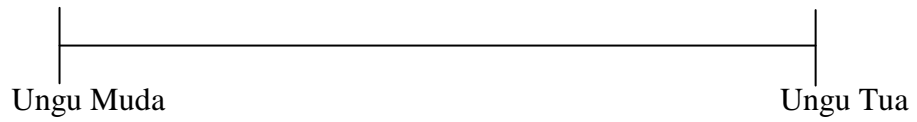
Uji Mutu Hedonik

Rasa



Uji Mutu Hedonik

Warna



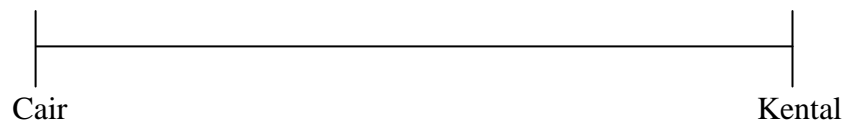
Uji Mutu Hedonik

Aroma



Uji Mutu Hedonik

Konsistensi



Lampiran 5. Tabulasi Hasil Uji Daya Terima (Hedonik)

P	Rasa						Warna						Aroma						Konsistensi					
	145	250	430	590	728	915	145	250	430	590	728	915	145	250	430	590	728	915	145	250	430	590	728	915
1	73	86	78	70	9	86	61,5	84,5	48	97	99	74	64	12,5	90	44	28	25,5	62	76,5	86	65	64	47
2	27,5	72	88	94	37	76	93	90	71,5	92,5	100	52	10	3	69	64	59	54	72,5	80,5	81	49	19	41
3	89	38	55,5	55,5	41	61,5	49	9	48	41,5	71,5	22	70,5	25	35,5	55	30	64,5	73	10	59	54	46	49
4	55,5	99	65	82	38,5	60	93	15,5	52	50	87	37,5	18	7	22	59	67	44	69	50	63,5	45	65	40
5	39	43,5	77	52	25,5	76	48	37	10,5	88,5	96	97,5	8	38	71	11,5	19	26	38,5	40	56,5	82	51	65,5
6	68	93	29,5	33	37	30	80	35	29	55	74,5	32,5	29	60	41	42	60,5	60	45,5	67,5	52	58	59	36
7	32	69	78	74,5	64	82	64	38	71	83	69	78	26	68	61,5	66	33	23	53,5	61	43	83	83	89
8	83,5	52,5	46	16	36	20	80	35	32	80	35	31	54	72	36	60	42,5	56	78	54	54	42	43	72
9	40,5	52	60	68,5	75	52	91	59	35,5	94	96	27,5	7	20	21	81,5	74	41	44	44,5	58	82	86	46
10	70	51,5	67,5	55,5	75,5	79	98	8	38	51	82,5	48	10	8,5	40	54	39	47	78,5	78,5	41,5	56	73	64
11	97,5	72	62,5	68	55	64	92,5	22	46	33	98	78	12	75	20	21	9	15	73	74	29,5	81	86	84
12	44	73	59,5	86	96	96	45,5	34,5	35	76	91,5	61	11	75	47,5	61	76	52	40	46	53,5	62	60,5	67
13	33	63	43	42	38	86	62	71	5,5	93	95	94	19	19,5	92	23	14	45	61	33,5	60	81	80	59
14	60	32,5	76,5	12	27	27	96	75,5	1	48,5	64	28	53,5	33	77,5	18	47,5	26	74,5	67,5	56	35	24	34

15	49, 5	33	84	80	79	72	25	31	32	87	81	75	23, 5	33	72, 5	78	66	77	73	61	63, 5	68, 5	66	70
16	81	50	49	19, 5	24	34	92	60	65, 5	93	97	65	18	52	66	67, 5	37	70	80	62	76	56, 5	70	71
17	87	81, 5	5	88	15	80	93	56, 5	8,5	72	89	33	2	22	9,5	12, 5	10	80	40	54	9,5	65	27	72
18	50	62	27, 5	7	14	45	39	39	12	97, 5	86	49	9	59	11, 5	3	67	33	38	78	9,5	11	22, 5	7
19	54, 5	78	75	91, 5	89, 5	98	60	70	66	91	94, 5	95	15	69	70	2	6	78	82	73	68, 5	79	73	72
20	76	73	39	96, 5	95	98, 5	95	72	23	92	89	96	4	26	37	5,5	5	71	76	74	49, 5	67	68, 5	81
21	31	40	16	27, 5	8	100	49	28	6	48	38, 5	100	23	34	5	55, 5	33	100	36	43	43	60, 5	29	100
22	42	48	80	64	79	94	67	93	50	71	81	93	19	19	42	73	95	90	77, 5	81, 5	58	7	84	91
23	58	96	46	55	67	73	64	16	51	67	65	67	43	65	41	41	56	71	52	82	56	59	61	70
24	46	80	85, 5	50	82	52	51	54	62, 5	89	49	51	16	21	72	55	88	73	85	66	73	82	83	73
25	47, 5	59	71	51	61, 5	68	60, 5	75	40	56	63, 5	85	44	44, 5	58	82	86	46	50	52, 5	59, 5	54, 5	70, 5	56
26	61, 5	84, 5	48	97	99	34	72, 5	80, 5	81	49	19	41	17	7	22	81, 5	67	26	62	76, 5	86	65	64	47
27	7	20	21	86	74	33	54	72	36	60	42, 5	56	1	22	9,5	85	10	15	44	44, 5	58	82	86	46
28	55, 5	82	65	100	38, 5	60	80	35	32	80	35	31	27, 5	72	88	94	37	45	61	33, 5	60	81	80	59
29	93	33	71, 5	96, 5	100	52	27, 5	72	88	94	37	76	55, 5	99	65	88, 5	38, 5	33	61, 5	84, 5	48	97	99	74
30	20	52	66	94	37	70	26	68	61, 5	93	38, 5	23	62	71	5,5	96, 5	95	25, 5	27, 5	72	88	94	37	76

Output Descriptive Hedonik

Descriptive Statistics

		Statistic	Bootstrap ^a			
			Bias	Std. Error	95% Confidence Interval	
					Lower	Upper
Rasa145	N	30	0	0	30	30
	Range	90,5				
	Minimum	7,0				
	Maximum	97,5				
	Mean	55,733	,044	4,240	47,420	63,930
	Std. Deviation	22,7136	-,3590	2,4305	17,8324	26,8920
	Variance	515,909	-10,279	108,652	317,996	723,182
Rasa250	N	30	0	0	30	30
	Range	79,0				
	Minimum	20,0				
	Maximum	99,0				
	Mean	62,300	-,199	3,818	55,067	69,600
	Std. Deviation	21,0793	-,3862	2,1023	16,4595	24,5724
	Variance	444,338	-11,718	86,881	270,916	603,805
Rasa430	N	30	0	0	30	30
	Range	83,0				
	Minimum	5,0				
	Maximum	88,0				

	Mean	57,850	-,081	4,162	49,085	65,531
	Std. Deviation	21,9589	-,5047	2,7042	15,8880	26,4169
	Variance	482,192	-14,607	114,859	252,430	697,851
Rasa590	N	30	0	0	30	30
	Range	93,0				
	Minimum	7,0				
	Maximum	100,0				
	Mean	63,750	,204	5,075	53,638	73,764
	Std. Deviation	28,2278	-,6746	2,8704	21,6280	32,6385
	Variance	796,806	-29,399	156,319	467,772	1065,274
Rasa728	N	30	0	0	30	30
	Range	92,0				
	Minimum	8,0				
	Maximum	100,0				
	Mean	53,900	,027	5,346	42,903	64,867
	Std. Deviation	28,9525	-,5593	2,3776	23,4825	32,6193
	Variance	838,248	-26,426	133,605	551,430	1064,020
Rasa915	N	30	0	0	30	30
	Range	80,0				
	Minimum	20,0				
	Maximum	100,0				
	Mean	65,300	,035	4,291	57,417	73,627
	Std. Deviation	23,3613	-,5552	2,2793	18,1351	27,0771
	Variance	545,752	-20,442	103,164	328,880	733,170

Warna145	N	30	0	0	30	30
	Range	73,0				
	Minimum	25,0				
	Maximum	98,0				
	Mean	66,967	-,194	4,102	58,852	74,816
	Std. Deviation	22,6308	-,3999	2,1531	17,8647	26,2952
	Variance	512,154	-13,310	95,530	319,146	691,438
Warna250	N	30	0	0	30	30
	Range	85,0				
	Minimum	8,0				
	Maximum	93,0				
	Mean	51,200	,146	4,586	42,050	60,166
	Std. Deviation	25,2076	-,5175	2,0873	20,5438	28,6471
	Variance	635,424	-21,471	103,227	422,047	820,659
Warna430	N	30	0	0	30	30
	Range	87,0				
	Minimum	1,0				
	Maximum	88,0				
	Mean	41,267	,058	4,307	32,986	49,582
	Std. Deviation	23,4115	-,5439	2,3590	18,2980	27,6763
	Variance	548,099	-19,610	108,390	334,819	765,978
Warna590	N	30	0	0	30	30
	Range	64,5				
	Minimum	33,0				

	Maximum	97,5				
	Mean	74,083	,098	3,626	66,734	81,065
	Std. Deviation	19,8417	-,4195	1,6890	15,9292	22,6182
	Variance	393,691	-13,622	65,037	253,740	511,584
Warna728	N	30	0	0	30	30
	Range	81,0				
	Minimum	19,0				
	Maximum	100,0				
	Mean	72,150	-,044	4,411	62,721	80,583
	Std. Deviation	24,4022	-,5437	2,2833	19,4056	28,0751
	Variance	595,468	-21,031	108,267	376,579	788,212
Warna915	N	30	0	0	30	30
	Range	78,0				
	Minimum	22,0				
	Maximum	100,0				
	Mean	59,900	,002	4,744	50,368	69,598
	Std. Deviation	25,6976	-,5406	1,9922	21,1324	28,9562
	Variance	660,369	-23,526	99,687	446,577	838,461
Aroma145	N	30	0	0	30	30
	Range	69,5				
	Minimum	1,0				
	Maximum	70,5				
	Mean	25,717	,168	3,706	19,103	33,249
	Std. Deviation	20,2466	-,2969	2,3258	14,7442	24,3203

	Variance	409,926	-6,530	91,017	217,392	591,479
Aroma250	N	30	0	0	30	30
	Range	96,0				
	Minimum	3,0				
	Maximum	99,0				
	Mean	41,067	,043	4,812	31,302	50,549
	Std. Deviation	26,3961	-,5492	2,3965	20,8622	30,5691
	Variance	696,754	-22,955	123,107	435,230	934,472
Aroma430	N	30	0	0	30	30
	Range	87,0				
	Minimum	5,0				
	Maximum	92,0				
	Mean	46,617	-,067	4,901	37,134	56,217
	Std. Deviation	26,9577	-,4959	2,3509	21,6642	31,0633
	Variance	726,719	-20,970	123,946	469,340	964,929
Aroma590	N	30	0	0	30	30
	Range	94,5				
	Minimum	2,0				
	Maximum	96,5				
	Mean	52,683	,109	5,337	41,501	62,679
	Std. Deviation	28,9019	-,5715	2,6774	22,2200	33,1513
	Variance	835,319	-25,550	149,222	493,727	1099,006
Aroma728	N	30	0	0	30	30
	Range	90,0				

	Minimum	5,0				
	Maximum	95,0				
	Mean	46,500	-,188	5,116	35,683	56,182
	Std. Deviation	27,6926	-,5620	2,4569	22,1663	31,5178
	Variance	766,879	-24,781	131,906	491,345	993,373
Aroma915	N	30	0	0	30	30
	Range	85,0				
	Minimum	15,0				
	Maximum	100,0				
	Mean	50,417	-,070	4,317	42,035	58,666
	Std. Deviation	23,1655	-,4543	2,2445	18,4497	27,3596
	Variance	536,639	-15,811	102,450	340,391	748,548
Konsistensi145	N	30	0	0	30	30
	Range	57,5				
	Minimum	27,5				
	Maximum	85,0				
	Mean	60,283	-,066	3,102	54,234	65,999
	Std. Deviation	16,6183	-,3633	1,3940	13,3792	18,7464
	Variance	276,167	-10,000	44,985	179,003	351,429
Konsistensi250	N	30	0	0	30	30
	Range	74,5				
	Minimum	10,0				
	Maximum	84,5				
	Mean	60,717	,040	3,277	53,835	67,049

	Std. Deviation	18,1182	-,4098	2,4849	13,2359	22,7568
	Variance	328,270	-8,513	89,236	175,189	517,873
Konsistensi430	N	30	0	0	30	30
	Range	78,5				
	Minimum	9,5				
	Maximum	88,0				
	Mean	56,650	,007	3,566	49,384	63,149
	Std. Deviation	18,7240	-,5284	2,9824	12,3550	23,8904
	Variance	350,589	-10,622	108,997	152,645	570,753
Konsistensi590	N	30	0	0	30	30
	Range	90,0				
	Minimum	7,0				
	Maximum	97,0				
	Mean	63,470	,141	3,911	55,604	70,878
	Std. Deviation	21,2677	-,6231	3,3026	14,1619	26,7952
	Variance	452,313	-15,221	136,123	200,559	717,983
Konsistensi728	N	30	0	0	30	30
	Range	80,0				
	Minimum	19,0				
	Maximum	99,0				
	Mean	62,000	,052	3,986	54,023	70,183
	Std. Deviation	22,0556	-,4739	2,3435	16,4334	25,9510
	Variance	486,448	-15,195	99,321	270,056	673,453
Konsistensi915	N	30	0	0	30	30

	Range	93,0				
	Minimum	7,0				
	Maximum	100,0				
	Mean	61,950	,044	3,524	54,669	68,666
	Std. Deviation	19,8834	-,5603	2,8291	13,8810	25,2093
	Variance	395,351	-13,972	110,802	192,682	635,511
Valid N (listwise)	N	30	0	0	30	30

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Lampiran 6. Tabulasi Hasil Uji Daya Terima (Mutu Hedonik)

P	Rasa						Warna						Aroma						Konsistensi					
	145	250	430	590	728	915	145	250	430	590	728	915	145	250	430	590	728	915	145	250	430	590	728	915
1	83	80,5	84	85	68	89	2,5	2	49	10	75,5	69	4	72	58	23	80	27	2	6,5	47	3	1	3
2	92	79	94,5	98	60	87,5	14	3	7	20	79	74	80	82	88,5	52,5	65	49,5	4	5	6	3	4	1
3	96	51	61	65,5	59	68	16	6	49	3,5	56	14	68,5	27	9	49	75,5	72	4	3	23	21	37	34
4	80	91	83	78	59,5	76	8	3	17	4	23	12	89	69,5	91	50	71	75	71	2	28,5	25,5	38	20
5	48	66	86	76	51,5	93	30,5	7	18,5	50	86,5	60	70	74,5	78	68	63	85	40	17	6	14	8	9
6	87	78,5	86,5	60	64	80	41	21	68,5	26	67	38	80	37	39	49	46	34	41,5	9	2,5	56,5	58,5	29
7	30	84,5	69	96,5	98	97	60	4	42	5	64,5	25	61	81,5	61	71,5	70	74	25	31	31	2	2,5	4
8	78	50	90	67	72,5	71	30,5	6	1	14	62	66	44	68	72	57	65,5	9	16,5	57,5	3	18	26,5	24
9	77	81	71	75	71	83	14	32	5	80	96,5	24	8	53	77	18,5	9	27,5	40	18	10	3,5	2,5	6
10	99	89	60	76	82	81	20,5	1	48,5	7,5	26	13	86	1	33	82	80	77	61	2	34,5	22	32,5	20
11	99	79	53	87,5	90	86	13	4	45	16,5	9	16	86,5	87	13	78,5	9	87	58	10	51	3	50	8
12	62,5	72	48,5	95	94	94	48,5	34,5	18,5	59	66	38	72	57	34,5	81,5	60	88	8	16	33,5	3,5	4	4
13	65,5	78	66,5	85	89	89	7	18	1	5	39	3	91	59,5	19	94	91	53	22	2	4	87	52	33
14	67	63,5	94,5	67	59	64	7	5	50,5	31	72,5	12	87	27	33,5	32	60	29	21,5	67	2	25	10	26
15	46	64,5	87	94	86	90	8	17	41	52	36	65	74	30	75	62	74	47	18	30,5	75	60	53,5	67
16	95	71	59,5	37,5	24	33	25	20	60,5	4	86	3	82	20,5	52	85,5	91	73	5	18	28,5	13	76	4
17	100	95	67,5	87	88	89	1	2	10	11	81	8	100	50,5	22	91,5	90	27,5	25	4	4	16,5	10	9,5
18	67	61	88	59	66	69	24	2,5	9	1	84	3	79,5	30	83	48	33	36	25	14	12	1	31	3
19	78	90,5	72,5	91	91,5	90	15	6,5	21,5	6	4	19	51	16	41,5	93	93	71	11	10	44	5,5	3	8
20	87,5	80	55,5	87,5	92,5	91	70	5	41	10	5	25	44	74	35,5	85,5	87	78	44	10	25,5	8,5	6,5	10
21	57	69,5	83,5	93	92,5	51	42	24	12,5	22	65	9	60	65	93	78	67	29	30	28	12	66	79,5	25
22	84,5	76	56	82	81	79	12	3,5	4	15	73	37	74	93	80	65	12	3	58	92	12	67	50	49

23	70	96	60	74	64	72	32	5	23	61	88	5	58,5	72	72	81,5	40	9	59	8	74	55	30	29
24	94	90	86,5	50	82	91	35	19	5,5	54	51	18	50	88	90	82	72	71	3	50	4	47,5	44	52
25	63	63,5	69	66	81	81	47,5	50	49	60,5	81	9	35	2	41	52	28	21,5	12	3	11	29	59	22
26	48,5	34,5	45	59	66	38	4	72	58	23	80	27	50	22	90	100	91	75	20	5	13	25	46	7
27	35,5	50	63	87,5	24	33	25	34,5	18,5	59	66	38	45	80	19	39	48	14	68	44	36	65,5	50	35
28	59	74,5	80	72	98	97	60	21	68,5	26	67	38	73,5	66	67	77	76,5	29	24	27	51	14	9,5	15
29	60	67	66	92	48,5	29	74	8	57	15	40	67	18	54	23	56,5	84	63	46	5	28	20	34	26
30	48	72	75,5	67	60	84	55	45	10	29,5	56	82	48	9	14	93	30	48	15	66	7	37	18	59

Output Descriptive Mutu Hedonik

Descriptive Statistics

		Statistic	Bootstrap ^a			
			Bias	Std. Error	95% Confidence Interval	
					Lower	Upper
Rasa145	N	30	0	0	30	30
	Range	70,0				
	Minimum	30,0				
	Maximum	100,0				
	Mean	71,900	,090	3,715	63,989	79,083
	Std. Deviation	19,8409	-,4745	1,8828	15,4341	23,2694
	Variance	393,662	-15,064	72,985	238,210	541,465
Rasa250	N	30	0	0	30	30
	Range	61,5				
	Minimum	34,5				
	Maximum	96,0				
	Mean	73,267	,102	2,630	67,834	78,399
	Std. Deviation	14,5630	-,4244	1,9112	10,1979	17,7770
	Variance	212,082	-8,533	53,843	103,997	316,023
Rasa430	N	30	0	0	30	30
	Range	49,5				
	Minimum	45,0				
	Maximum	94,5				

	Mean	72,067	,117	2,486	67,417	76,900
	Std. Deviation	14,1785	-,3200	1,2508	11,3176	16,2300
	Variance	201,030	-7,409	34,686	128,088	263,412
Rasa590	N	30	0	0	30	30
	Range	60,5				
	Minimum	37,5				
	Maximum	98,0				
	Mean	77,000	,039	2,694	71,571	81,933
	Std. Deviation	14,9891	-,4429	1,8704	11,0202	18,4118
	Variance	224,672	-9,586	55,197	121,446	338,995
Rasa728	N	30	0	0	30	30
	Range	74,0				
	Minimum	24,0				
	Maximum	98,0				
	Mean	72,083	,004	3,473	64,885	78,566
	Std. Deviation	19,5321	-,6467	2,5932	13,8411	24,1879
	Variance	381,501	-18,127	98,236	191,577	585,055
Rasa915	N	30	0	0	30	30
	Range	68,0				
	Minimum	29,0				
	Maximum	97,0				
	Mean	75,850	,160	3,503	68,834	82,115
	Std. Deviation	19,9461	-,7529	2,9052	12,8051	24,4059
	Variance	397,847	-21,036	109,018	163,972	595,649

Warna145	N	30	0	0	30	30
	Range	73,0				
	Minimum	1,0				
	Maximum	74,0				
	Mean	28,067	-,210	3,692	20,871	35,049
	Std. Deviation	21,0200	-,5550	2,2430	15,8474	24,7437
	Variance	441,840	-17,996	91,204	251,140	612,251
Warna250	N	30	0	0	30	30
	Range	71,0				
	Minimum	1,0				
	Maximum	72,0				
	Mean	16,050	-,131	2,969	10,702	22,049
	Std. Deviation	17,2178	-,7150	3,1534	10,2656	22,4571
	Variance	296,454	-14,177	104,017	105,383	504,320
Warna430	N	30	0	0	30	30
	Range	67,5				
	Minimum	1,0				
	Maximum	68,5				
	Mean	30,317	-,463	3,956	21,917	37,483
	Std. Deviation	22,1342	-,5255	1,5668	18,4176	24,6905
	Variance	489,922	-20,534	67,396	339,208	609,623
Warna590	N	30	0	0	30	30
	Range	79,0				
	Minimum	1,0				

	Maximum	80,0				
	Mean	26,017	-,042	3,848	18,734	33,598
	Std. Deviation	22,4225	-,3940	2,5077	16,4623	26,6478
	Variance	502,767	-11,233	109,139	271,008	710,105
Warna728	N	30	0	0	30	30
	Range	92,5				
	Minimum	4,0				
	Maximum	96,5				
	Mean	59,517	-,107	4,673	49,369	68,908
	Std. Deviation	25,8031	-,6311	3,2246	18,1608	30,8338
	Variance	665,801	-21,783	158,993	329,815	950,722
Warna915	N	30	0	0	30	30
	Range	79,0				
	Minimum	3,0				
	Maximum	82,0				
	Mean	30,567	,011	4,400	22,536	39,864
	Std. Deviation	24,3349	-,4424	2,4237	18,6488	27,9403
	Variance	592,185	-15,470	112,372	347,778	780,661
Aroma145	N	30	0	0	30	30
	Range	96,0				
	Minimum	4,0				
	Maximum	100,0				
	Mean	62,317	,029	4,349	53,802	70,867
	Std. Deviation	24,4225	-,4921	3,2626	17,1407	29,9108

	Variance	596,457	-13,161	155,355	293,805	894,653
Aroma250	N	30	0	0	30	30
	Range	92,0				
	Minimum	1,0				
	Maximum	93,0				
	Mean	52,267	,174	4,913	42,041	61,514
	Std. Deviation	27,6314	-,6437	2,3722	22,2734	31,4305
	Variance	763,495	-29,538	127,504	496,105	987,878
Aroma430	N	30	0	0	30	30
	Range	84,0				
	Minimum	9,0				
	Maximum	93,0				
	Mean	53,483	,007	4,838	44,168	63,500
	Std. Deviation	27,8470	-,3391	1,9810	23,4236	31,1651
	Variance	775,457	-14,851	108,212	548,666	971,263
Aroma590	N	30	0	0	30	30
	Range	81,5				
	Minimum	18,5				
	Maximum	100,0				
	Mean	66,533	-,142	3,998	58,468	74,660
	Std. Deviation	21,9427	-,4128	2,3564	16,7556	26,1818
	Variance	481,482	-12,399	101,411	280,750	685,487
Aroma728	N	30	0	0	30	30
	Range	84,0				

	Minimum	9,0				
	Maximum	93,0				
	Mean	62,050	-,177	4,377	53,050	70,216
	Std. Deviation	25,5536	-,5000	2,9632	18,9375	30,2206
	Variance	652,989	-16,533	145,232	358,630	913,284
Aroma915	N	30	0	0	30	30
	Range	85,0				
	Minimum	3,0				
	Maximum	88,0				
	Mean	49,400	,147	4,600	40,034	58,216
	Std. Deviation	26,5539	-,4878	1,8768	22,1298	29,8646
	Variance	705,110	-22,151	97,659	489,729	891,898
Konsistensi145	N	30	0	0	30	30
	Range	69,0				
	Minimum	2,0				
	Maximum	71,0				
	Mean	29,250	,009	3,865	21,868	37,165
	Std. Deviation	21,0253	-,4018	2,0294	16,4015	24,2590
	Variance	442,065	-12,621	82,500	269,008	588,500
Konsistensi250	N	30	0	0	30	30
	Range	90,0				
	Minimum	2,0				
	Maximum	92,0				
	Mean	22,017	,119	4,235	14,301	30,933

	Std. Deviation	23,4232	-,6304	3,8873	14,9308	29,7892
	Variance	548,646	-14,038	174,247	222,928	887,395
Konsistensi430	N	30	0	0	30	30
	Range	73,0				
	Minimum	2,0				
	Maximum	75,0				
	Mean	23,967	-,221	3,714	16,339	31,248
	Std. Deviation	20,6644	-,6597	2,8183	14,4182	25,2550
	Variance	427,016	-18,895	112,038	207,886	637,813
Konsistensi590	N	30	0	0	30	30
	Range	86,0				
	Minimum	1,0				
	Maximum	87,0				
	Mean	27,250	-,067	4,453	18,518	36,333
	Std. Deviation	24,3908	-,5864	2,8839	17,7988	29,2510
	Variance	594,909	-19,955	135,777	316,796	855,624
Konsistensi728	N	30	0	0	30	30
	Range	78,5				
	Minimum	1,0				
	Maximum	79,5				
	Mean	30,883	-,145	4,269	22,450	39,627
	Std. Deviation	23,3916	-,5647	2,1425	18,5833	27,0899
	Variance	547,167	-21,512	98,458	345,340	733,863
Konsistensi915	N	30	0	0	30	30

	Range	66,0				
	Minimum	1,0				
	Maximum	67,0				
	Mean	21,367	,059	3,215	15,317	27,500
	Std. Deviation	17,7001	-,4231	2,4186	12,2621	21,8348
	Variance	313,292	-8,956	82,958	150,358	476,757
Valid N (listwise)	N	30	0	0	30	30

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Lampiran 7. Uji Normalitas Data

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Rasa	,068	180	,043	,970	180	,001
Warna	,085	180	,003	,952	180	,000
Aroma	,108	180	,000	,954	180	,000
Konsistensi	,068	180	,044	,969	180	,000

a. Lilliefors Significance Correction

Lampiran 8. Hasil Uji *Kruskal Wallis*

Kruskal-Wallis Test

	Kode Sampel	N	Mean Rank
Rasa	145	30	80,80
	250	30	94,43
	430	30	86,25
	590	30	100,57
	728	30	79,33
	915	30	101,62
	Total		180

	Rasa
Chi-Square	5,274
df	5
Asymp. Sig.	,383

a. Kruskal Wallis Test

b. Grouping Variable: Kode Sampel

Kruskal-Wallis Test

	Kode Sampel	N	Mean Rank
Warna	145	30	101,25
	250	30	70,90
	430	30	53,17
	590	30	115,87
	728	30	114,02
	915	30	87,80
	Total		180

Test Statistics^{a,b}

	Warna
Chi-Square	34,234
df	5
Asymp. Sig.	,000

a. Kruskal Wallis Test

b. Grouping Variable: Kode Sampel

Kruskal-Wallis Test**Ranks**

	Kode Sampel	N	Mean Rank
Aroma	145	30	54,72
	250	30	85,62
	430	30	95,95
	590	30	106,33
	728	30	95,17
	915	30	105,22
	Total	180	

Test Statistics^{a,b}

	Aroma
Chi-Square	20,148
df	5
Asymp. Sig.	,001

a. Kruskal Wallis Test

b. Grouping Variable: Kode Sampel

Kruskal-Wallis Test**Ranks**

	Kode Sampel	N	Mean Rank
Konsistensi	145	30	87,03

250	30	90,32
430	30	77,42
590	30	99,25
728	30	96,60
915	30	92,38
Total	180	

Test Statistics^{a,b}

	Konsistensi
Chi-Square	3,322
df	5
Asymp. Sig.	,650

a. Kruskal Wallis Test

b. Grouping Variable: Kode Sampel

Lampiran 9. Hasil Analisis Kimia



BADAN PENELITIAN DAN PENGEMBANGAN INDUSTRI
BALAI BESAR INDUSTRI AGRO
Center for Agro-Based Industry
AGRO BASED INDUSTRI CALIBRATION AND ANALYTICAL LABORATORIES
(ABICAL)

Jalan Ir. H. Juanda No. 11, Bogor 16122 Telp. (0251) 8324068, 8323339 Fax. (0251) 83233



Kepada :

To AYUM DIANINGSIH
Univesitas Esa Unggul
Jl. Arjuna Utara 9, Kebon Jeruk
Jakarta 11510

LAPORAN HASIL UJI TEST REPORT

Balasan surat/
Permintaan tanggal : -
Reply to your letter/
request dated

Nomor / Number : 5777/LHU/Bd/ABICAL.1/VI/2016

Nomor Analisis : 6703
Analysis Number

Nomor Seri : 5777
Serial Number

Halaman/ Page : 1 dari / of 2

Tanggal penerbitan : 10 Juni 2016
date of issue

Yang bertanda tangan dibawah ini menerangkan, bahwa hasil pengujian
The undersigned artis that the testing of

Contoh : Minuman Serbuk Instan Bayam Merah
Sample (s)

Untuk analisis : Kimia
for analysis

Keterangan contoh : Dikemas dalam plastik tidak berlabel
Description of sample

Diambil dari : -
Taken from

Oleh : -
by

Tanggal penerimaan contoh : 18 Mei 2016
Date of sample

Tanggal pelaksanaan analisis : 19 Mei 2016
Date of analysis

Pengambilan contoh : -
Sampling

adalah sebagai berikut :
The result to as follows

HASIL PENGUJIAN INI TIDAK UNTUK DIGANDAKAN
DAN HANYA BERLAKU UNTUK CONTOH-CONTOH
TERSEBUT DIATAS.
PENGAMBILAN CONTOH BERTANGGUNG JAWAB
ATAS KEBENARAN TANDING BARANG.

H A S I L
TEST RESULT

Nomor Seri : 5777
Serial Number

Nomor / Number : 5777/LHU/Bd/ABICAL.1/VI/2016

Nomor Analisis : 6703
Analysis Number

Halaman / Page : 2 Dari / of 2

Parameter	Satuan	Hasil	Metoda Uji/Teknik
Air	%	5,33	SNI.01-2891-1992, butir 5.1
Abu	%	0,38	SNI.01-2891-1992, butir 6.1
Besi (Fe)	mg/kg	12,6	AOAC, 985.35/50.1.14.2005
Vitamin C	mg/kg	4,40	H P L C

ASLI
ORIGINAL

Laboratorium Analisis dan Kalibrasi
Balai Besar Industri Agro

Analytical and Calibration Laboratories
Center for Agro-Based Industry

Manajer Teknik Pengujian



Muhaquddin S, M.Si

bs/nb

HASIL PENGUJIAN INI TIDAK UNTUK DIGANDAKAN
DAN HANYA BERLAKU UNTUK CONTOH-CONTOH
TERSEBUT DIATAS.
PENGAMBILAN CONTOH BERTANGGUNG JAWAB
ATAS KEBENARAN TANDING BARANG.

Lampiran 10. Dokumentasi



