7. LAMPIRAN

Lampiran 1. Syarat mutu *vegetable wine*

No	Jenis Uji	Satuan	Persyaratan
1	Keadaan		
1.1	Bau	-	Khas
1.2	Rasa	-	Khas
2	Etil alcohol (20ºC) v/v	-	Maksimum 15%
3	Metal alcohol, v/v (terhadap alkohol mutlak)	-	Maksimum 0,1%
4	Asam yang mudah menguap (dihitung sebagai asam asetat)	g/l	Maksimum 1,5
5	Bahan tambahan makanan		
5.1	Pewarna sintetis	-	Sesuai SNI01-0222-95
5.2	Sulfur dioksida (SO_2)	mg/l	Maksimum 300
5.3	Pemanis buatan	-	Negatif
6	Cemaran logam		
6.1	Timbal (Pb)	mg/kg	Maksimum 0,2
6.2	Tembaga (Cu)	mg/kg	Maksimum 2,0
6.3	Seng (Zn)	mg/kg	Maksimum 2,0
6.4	Timah (Sn)	mg/kg	Maksimum 40,0 250,0*)
6.5	Raksa (Hg)	mg/kg	Maksimum 0,03
7	Cemaran arsen	mg/kg	Maksimum 0,1

* untuk kemasan kaleng

(SNI 01-6105-1999)

Lampiran 2. *Worksheet* Uji Ranking Hedonik *Wine* Wortel

Worksheet Uji Ranking Hedonik _Wine_ Wortel

Tanggal uji : 15 Mei 2013
Jenis sampel : Wine Wortel

Identifikasi Sampel	**Kode**
Wine wortel " *Saccharomyces cerevisiae* Etanol toleran"	A
Wine wortel " *Saccharomyces cerevisiae* Osmotoleran"	B

Kode kombinasi urutan penyajian:

AB = 1
BA = 2

Penyajian:

Booth	**Panelis**	**Kode sampel**	**urutan penyajian**
I	#1, 11, 21, 31	459 984	1
II	#2, 12, 22, 32	334 139	2
III	#3, 13, 23, 33	653 749	3
IV	#4, 14, 24, 34	562 134	4
V	#5, 15, 25, 35	522 618	5
I	#6, 16, 26, 36	535 957	6
II	#7, 17, 27, 37	362 777	7
III	#8, 18, 28, 38	261 332	8
IV	#9, 19, 29, 39	226 637	9
V	#10, 20, 30, 40	664 594	10

Rekap kode sampel:

Sampel A	459	139	653	134	618	535	362	332	226	594
Sampel B	984	334	749	562	522	957	777	261	637	664

Lampiran 3. *Scoresheet* Uji Ranking Hedonik *Wine* Wortel

UJI RANKING HEDONIK *WINE* WORTEL

Nama : Tanggal : Mei 2013

Produk : Wine Wortel
Atribut : Warna

Instruksi :
Di hadapan Anda terdapat 2 sampel wine wortel. Amati warna sampel tersebut secara berurutan dari kiri ke kanan. Setelah mengamati semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling kurang Anda sukai (=1) hingga sampel yang paling Anda sukai (=2).

Kode Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____

Terima Kasih

UJI RANKING HEDONIK *WINE* WORTEL

Nama : Tanggal : Mei 2013
Produk : Wine Wortel
Atribut : Aroma

Instruksi :
Di hadapan Anda terdapat 2 sampel wine wortel. Hiruplah aroma sampel tersebut secara berurutan dari kiri ke kanan. Setelah menghirup aroma semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling kurang Anda sukai (=1) hingga sampel yang paling Anda sukai (=2).

Kode Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____

Terima Kasih

UJI RANKING HEDONIK *WINE* WORTEL

Nama : Tanggal : Mei 2013
Produk : Wine Wortel
Atribut : *Overall*

Instruksi :
Di hadapan Anda terdapat 2 sampel wine wortel. Setelah melakukan penilaian terhadap seluruh atribut (warna, aroma, dan rasa) dari masing-masing sampel, urutkan sampel dari yang paling kurang Anda sukai (=1) hingga sampel yang paling Anda sukai (=2).

Kode Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____

Terima Kasih

UJI RANKING HEDONIK *WINE* WORTEL

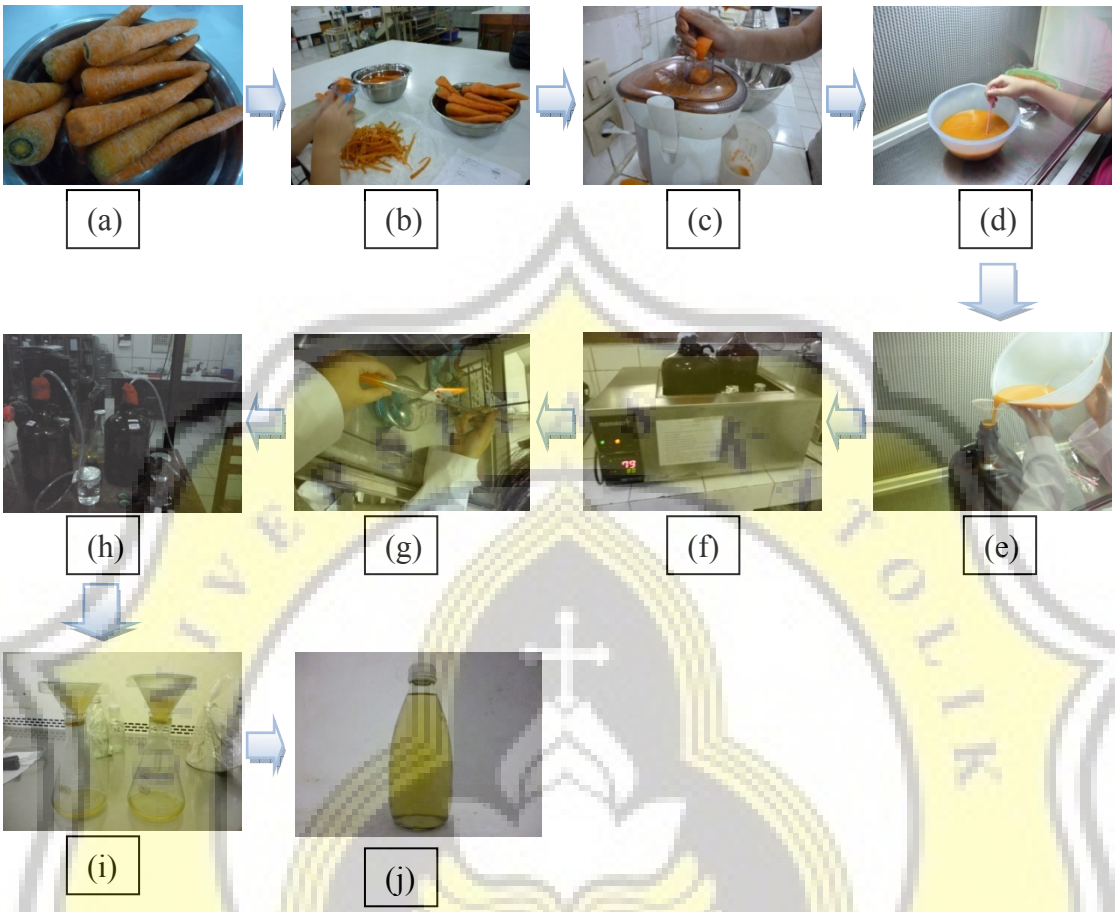
Nama : Tanggal : Mei 2013
Produk : Wine Wortel
Atribut : Rasa

Instruksi :
Minumlah air putih terlebih dahulu sebelum menguji sampel.
Di hadapan Anda terdapat 2 sampel wine wortel. Cicipi sampel tersebut secara berurutan dari kiri ke kanan, rasakan masing-masing. Setiap pergantian sampel, bilaslah lidah Anda dengan minum air putih terlebih dahulu. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Urutkan sampel dari yang paling kurang Anda sukai (=1) hingga sampel yang paling Anda sukai (=2).

Kode Sampel	**Ranking (jangan ada yang dobel)**
_____	_____
_____	_____

Terima Kasih

Lampiran 4. Proses Pembuatan Wine Wortel



Gambar 5. Proses Pembuatan Wine Wortel (a) Wortel segar (b) Pengupasan dan pencucian wortel (c) Pengambilan sari wortel dengan *juicer* (d) Pengadukan setelah ditambah gula pasir 25% (b/v) (e) Penuangan ke botol gelap (f) Pasteurisasi (g) Inokulasi *Saccharomyces cerevisiae* (h) Fermentasi 14 hari (i) Filtrasi (j) *Wine* wortel

Lampiran 5. Apendix A- *Present Value Table*

Discount factors: Present value of $1 to be received after t years = $1/(1 + r)^t$.

Number of Years	Interest Rate per Year														
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%
1	.990	.980	.971	.962	.952	.943	.935	.926	.917	.909	.901	.893	.885	.877	.870
2	.980	.961	.943	.925	.907	.890	.873	.857	.842	.826	.812	.797	.783	.769	.756
3	.971	.942	.915	.889	.864	.840	.816	.794	.772	.751	.731	.712	.693	.675	.658
4	.961	.924	.888	.855	.823	.792	.763	.735	.708	.683	.659	.636	.613	.592	.572
5	.951	.906	.863	.822	.784	.747	.713	.681	.650	.621	.593	.567	.543	.519	.497
6	.942	.888	.837	.790	.746	.705	.666	.630	.596	.564	.535	.507	.480	.456	.432
7	.933	.871	.813	.760	.711	.665	.623	.583	.547	.513	.482	.452	.425	.400	.376
8	.923	.853	.789	.731	.677	.627	.582	.540	.502	.467	.434	.404	.376	.351	.327
9	.914	.837	.766	.703	.645	.592	.544	.500	.460	.424	.391	.361	.333	.308	.284
10	.905	.820	.744	.676	.614	.558	.508	.463	.422	.386	.352	.322	.295	.270	.247
11	.896	.804	.722	.650	.585	.527	.475	.429	.388	.350	.317	.287	.261	.237	.215
12	.887	.788	.701	.625	.557	.497	.444	.397	.356	.319	.286	.257	.231	.208	.187
13	.879	.773	.681	.601	.530	.469	.415	.368	.326	.290	.258	.229	.204	.182	.163
14	.870	.758	.661	.577	.505	.442	.388	.340	.299	.263	.232	.205	.181	.160	.141
15	.861	.743	.642	.555	.481	.417	.362	.315	.275	.239	.209	.183	.160	.140	.123
16	.853	.728	.623	.534	.458	.394	.339	.292	.252	.218	.188	.163	.141	.123	.107
17	.844	.714	.605	.513	.436	.371	.317	.270	.231	.198	.170	.146	.125	.108	.093
18	.836	.700	.587	.494	.416	.350	.296	.250	.212	.180	.153	.130	.111	.095	.081
19	.828	.686	.570	.475	.396	.331	.277	.232	.194	.164	.138	.116	.098	.083	.070
20	.820	.673	.554	.456	.377	.312	.258	.215	.178	.149	.124	.104	.087	.073	.061

Lampiran 6. *Discount Factor* (BI *rate*)

CALENDAR	GMT	COUNTRY	EVENT	REFERENCE	ACTUAL	PREVIOUS	CONSENSUS	FORECAST
2013-04-11	05:00 AM	INDONESIA	INTEREST RATE DECISION	2013-04-30	5.75%	5.75%	5.75%	
2013-05-14	05:00 AM	INDONESIA	INTEREST RATE DECISION	2013-05-31	5.75%	5.75%	5.75%	
2013-06-13	05:00 AM	INDONESIA	INTEREST RATE DECISION	2013-06-30	6.0%	5.75%	5.75%	5.75%
2013-07-11	05:00 AM	INDONESIA	INTEREST RATE DECISION	2013-07-31	6.5%	6.0%	6.25%	6.5%
2013-08-15	09:30 AM	INDONESIA	INTEREST RATE DECISION	2013-08-31	6.5%	6.5%	6.5%	7%
2013-08-29	09:00 AM	INDONESIA	INTEREST RATE DECISION	2013-08-31	7.0%	6.5%		7.0%
2013-09-12	05:00 AM	INDONESIA	INTEREST RATE DECISION	2013-09-30		7.0%		7%
2013-10-08	05:00 AM	INDONESIA	INTEREST RATE DECISION	2013-10-31				7.25%
2013-11-12	04:00 AM	INDONESIA	INTEREST RATE DECISION	2013-11-30				7.25%

Lampiran 7. Analisa SPSS

- Gula reduksi

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
gulareduksi	Equal variances assumed	8.776	.041	10.399	4	.000	8.186667	.787263	6.000874	10.372459
	Equal variances not assumed			10.399	2.194	.007	8.186667	.787263	5.070262	11.303071

- Total SO_2

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
totalSO2	Equal variances assumed	.004	.956	10.143	4	.001	6.174667	.608773	4.484442	7.864891
	Equal variances not assumed			10.143	3.985	.001	6.174667	.608773	4.481958	7.867376

- *Volatile Acid*

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
volatileacid	Equal variances assumed	.727	442	6.957	4	.002	.044000	.006325	.026440	.061560
	Equal variances not assumed			6.957	3.448	.004	.044000	.006325	.025275	.062725

- Sensori *Wine* Wortel

Test Statistics[a]

	warna	aroma	rasa	overall
Mann-Whitney U	760.000	520.000	400.000	520.000
Wilcoxon W	1.580E3	1.340E3	1.220E3	1.340E3
Z	-.444	-3.111	-4.444	-3.111
Asymp. Sig. (2-tailed)	.657	.002	.000	.002

a. Grouping Variable: sampel