

표 6\_1. 영동에서 생산되는 와인의 향기 성분 분석

화합물명	시 료																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
acetoin	9.83	9.23	9.93	11.36	4.38		24.67	5.25	15.28	7.26	6.9	7.28	6.14	11.98	4.38	1.72	6.6	4.92	6.75	9.09
2,3-epoxybutane	5.94	0.75	3.8	9.35	40.79	123.49		2.48	13.32	2.97	2.35	0.79	2.41	4.11	2.6		3.22	3.28		
methyl acetate	4.78	2.86	1.52	1.24	2.91	0.8	1.51	1.28	1.65	1.21	1.42	2.34	0.6	1.43	1.23	1.22	1.55		0.83	1.3
1-propanol	13.07	10.36	9.17	9.38	14.88	25.61	23.95	16.55	13.81	18.14	8.92	9.57	7.7	15	26.32	22.99	25.3	40.22	10.56	13.34
2-hydroxy-propanamide	2.58	3.06	2.82	2.52	1.84	4.07	3.57	3	3.06	2.98	2.48	2.55	2.09	2.78	2.22	8.04	7.13	5.23	2.37	2.96
acetic anhydride				2.96		2.66				2.44	3.53	3.63	2.79	5.81	13.34	3.22	3.33	1.09		
acetic acid		11.5			6.22		7.46	7.34	7.02						0.84				6.48	7.9
2,3-butanedione		0.64	14.39		1.19	0.73		0.85	0.72	0.65	0.52		1.56	1.99		0.65	1.11		1.22	1.53
ethyl acetate	<b>485.96</b>	<b>367.29</b>	<b>258.7</b>	<b>111.3</b>	<b>173.77</b>	<b>124.36</b>	<b>267.06</b>	<b>155.05</b>	<b>240.03</b>	<b>163.19</b>	<b>173.9</b>	<b>204.56</b>	<b>135.06</b>	<b>201.78</b>	<b>224.21</b>	<b>148.05</b>	<b>153.33</b>	<b>78.11</b>	<b>141.46</b>	<b>212.36</b>
2-methyl-1-propanol	26.53	36.02	19.11	28.75	28.02	32.48	26.83	33.82	17.96	23.48	31.39	36.37	18.46	23.55	49.6	27.14	28.95	22.11	45.83	60.29
3-methyl-propanol	24.56	33.76	18.65	23.61	23.76															
1-pentanol						27.17	28.17	42.89	19.99	23.76	36.13	42.45	17.13	22.9	40.54	34.48	38.61	37.07	30.51	37.32
2-methyl-butanol	5.85	8.55	4.29	6.28	6.3	7.74	7.57	10	4.07	6.02	8.56	10.32	3.81	6.18	10.94	8	8.41	5.88	10.48	13.33
3-methyl-pentanal				0.72	0.48	1.09	0.69	1.6	0.9	0.75	0.53					1.01	0.99	0.85		
2-pentanone						0.7			0.72		21.97	21.61	20.57	20.97	21.46	20.6	20.6	22.07	22.36	21.08
2-hexanol	19.83	21.01	20.6	20.93	21.73	21.06	20.61	21.48	21.57	21.35					2.84			0.69		
alanine	1.5	1.66	1.37	1.41	1.23		1.79	1.55	8.38	2.64	1.27	1.41	1.22	1.41	1.44	1.65	1.63	1.25	1.25	1.52
2,4,5-trimethyl-1,3-dioxalane	2.18		3.14	2.59	8.86	36.36	2.19	1.11	49.35	55.86	1.05	0.58	1.71	3.75	1.4	4.76	2.32	1.5		
3-methyl-1-butanol	60.66	79.52	48.43	57.46	56.56	64.51	72.42	102.44		14.6	82.05	95.38	41.25	57.57	94.77	89.17	91.82	82.87	71.09	92.51
2-methyl-1-butanol	15.49	21.83	11.01	16.38	16.31	19.01	20.09	24.88	11.07		20.92	24.8	9.96	16.71	26.87	21.27	21.59	14.42	25.39	34.12
2-methyl propanate					0.57	1.58	0.77		0.85	0.57					0	0.78				
4-methyl-2-pentanol	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
1-(ethenyloxy)-pentane					0.59	1.72														
2,3-butanediol	0.74	1.07	0.72			0.91	1.39	1.45	1.41	0.56	0.89	0.94		0.65	2.25				1.35	1.69
iso butyl acetate	0.65	0.67	0.64				1	1.51		0.56				1.44	0.95	1.78	1.17			0.67
ethyl butanoate		0.95		0.84	0.59	0.6	1.39	0.73	1.2	1	0.6	0.92	0.55		0.68	1.25	1.11	0.66		
2-hydeoxy ethyl propanoate	3.03	4.29	3.36		2.06	2.96	6.74	6.62	6.38	2.77	4.26	4.62	1.98	3.3	9.26	0.66		0.97	5.89	6.3
iso pentyl acetate	0.74	0.69		0.97				0.89	1.26		0.62	1	1.26		0.68	1.36	1.38	3.19		1.01
3,4-dimethyl pentanol	0.68	1.15			0.75	0.65		0.63			0.8	1.03		0.62					0.69	1
pentyl aectate	1.84	1.63	0.85	2.1	0.91	0.57	0.83	1.85	2.76	1	1.29	1.91	2.84	0.97		2.82	2.88	6.55	1.11	2.25
2,6-dimethyl 4-heptanone		0.82	0.69	0.76	0.83	0.64	0.75	0.63	0.6	0.81	0.61	0.88	0.75	0.59	0.62	0.66	0.8	0.56		0.79
2-methyl 4-octanone	1.29	1.96	1.57	1.7	1.81	1.44	1.76	1.5	1.35	1.86	1.37	1.85	1.67	1.36	1.4	1.5	1.73	1.2	1.26	1.78
4-methyl pentanoate		0.88			0.67	0.75	0.99	0.6	0.6	0.98	0.6	1.09	0.49			0.76	0.75	0.58		0.66
ethyl hexanoate	<b>0.74</b>	<b>1.97</b>		<b>1.05</b>	<b>1.45</b>	<b>1.72</b>	<b>2.3</b>	<b>1.37</b>	<b>1.35</b>		<b>1.33</b>	<b>2.36</b>	<b>1.19</b>	<b>0.79</b>	<b>1.63</b>	<b>1.81</b>	<b>1.76</b>	<b>1.26</b>	<b>0.58</b>	<b>1.53</b>
phenylethylalcohol	0.59	1.11	0.71	0.62	0.62			1.82			0.69	0.89				1.02	0.75	0.71	1.13	1.17
diethyl butanoate		1.26				0.86	1.35		0.83		0.88	0.9			0.62					0.63
ethyl octanoate		<b>2.83</b>	<b>0.75</b>	<b>1.89</b>	<b>1.17</b>	<b>2.06</b>	<b>4.45</b>	<b>3.3</b>	<b>1.81</b>	<b>0.83</b>	<b>1.48</b>	<b>3.85</b>	<b>2.57</b>	<b>1.27</b>	<b>2.09</b>	<b>3.48</b>	<b>2.95</b>	<b>3.06</b>	<b>1.03</b>	<b>4.38</b>
ethyl decaoate		0.96					1.34	1.24	0.67			1.09	0.48			1.07	0.79	0.78		2.53
ethyl dodecanoate																				