

**Data Summary**  
**Enology Services Lab**

**Wine Samples**

Date Received Range 7/2/2012 to 11/27/2012

Total Sample Count 408

**Varietal Type**

**American Red**

Sample Count 5

	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)
Mean	34.00	46.00	116.60	6.60	3.26	0.04	10.26	
Max	34.00	82.00	149.00	7.20	3.52	0.06	10.67	
Min	34.00	12.00	57.00	6.00	3.11	0.02	9.85	
St Dev	?	27.60	36.71	0.85	0.19	0.02	0.58	

---

**Varietal Type**

**American White**

Sample Count 3

	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)
Mean	218.00	15.33	102.00	6.00	3.19	0.03	13.18	
Max	218.00	22.00	150.00	6.50	3.26	0.04	14.18	
Min	218.00	8.00	9.00	5.50	3.09	0.01	12.17	
St Dev	?	7.02	80.55	0.71	0.09	0.02	1.42	

---

**Varietal Type**

**Hybrid Red**

Sample Count 28

	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)
Mean	62.08	41.50	88.39	6.74	3.59	0.06	12.22	
Max	180.00	88.00	180.00	10.78	3.96	0.27	13.37	
Min	0.00	0.00	0.00	5.60	3.23	0.01	11.13	
St Dev	61.04	31.16	58.00	1.37	0.20	0.05	0.72	

---

**Data Summary**  
**Enology Services Lab**

**Wine Samples**

Date Received Range 7/2/2012 to 11/27/2012

Total Sample Count

408

**Varietal Type**

**Hybrid White**

Sample Count

17

	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)
Mean	276.88	19.91	95.73	6.92	3.40	0.04	12.87	
Max	400.00	67.00	162.00	9.30	3.59	0.15	15.18	
Min	19.00	0.00	29.00	5.80	3.13	0.02	11.74	
St Dev	114.60	24.00	56.45	1.19	0.14	0.03	1.01	

**Varietal Type**

**Vinifera Red**

Sample Count

267

	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)
Mean	71.82	26.56	102.88	5.89	3.74	0.07	12.47	
Max	300.00	74.00	219.00	9.60	4.37	0.26	16.85	
Min	0.00	0.00	0.00	3.80	2.86	0.02	9.00	
St Dev	76.66	19.52	60.20	1.12	0.24	0.05	1.24	

**Varietal Type**

**Vinifera White**

Sample Count

67

	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)
Mean	164.72	23.05	122.68	5.98	3.65	0.04	12.82	
Max	395.00	100.00	252.00	8.80	4.28	0.09	14.59	
Min	0.00	0.00	24.00	3.00	3.19	0.01	10.48	
St Dev	134.93	25.19	53.09	1.30	0.23	0.02	0.79	

**Data Summary**  
**Enology Services Lab**

**Wine Samples**

**Date Received Range** 7/2/2012 to 11/27/2012

**Total Sample Count** 408

**Varietal Type**

	Unspecified							Sample Count	21
	Malic (mg/100mls)	FSO2 (mg/L)	TSO2 (mg/L)	TA (g/L)	pH	VA (g/100mls)	Alcohol (%)	Residual Sugar (%)	
Mean	120.50	18.35	130.80	5.99	3.62	0.07	11.81		
Max	240.00	46.00	551.00	8.60	4.25	0.14	13.62		
Min	32.00	0.00	0.00	3.80	2.79	0.03	5.56		
St Dev	87.70	14.28	141.30	1.02	0.37	0.03	2.08		

---