

Date Sampled	VARIETY	Brix	Fructose	Glucose	Lactic Acid	Malic Acid	N-OPA	pH	Potassium	Titrateable Acidity	Yeast Assimilable Nitrogen	Ammonia
7-Oct	Barbera	24.1	124.7	106.8	1.0	2.5	191.0	3.6	1145.0	5.3	257.0	80.0
7-Oct	Cabernet Franc	23.2	124.4	98.6	0.9	1.0	101.0	3.9	1328.0	3.0	123.0	27.0
7-Oct	Cabernet Sauvignon	23.7	119.4	99.5	0.6	0.4	101.0	3.8	909.0	3.4	145.0	54.0
7-Oct	Petit Verdot	23.6	121.6	107.7	1.0	2.5	91.0	3.7	1277.0	4.0	107.0	20.0
7-Oct	Tannat	24.1	127.6	109.1	0.6	0.7	82.0	3.4	747.0	4.8	121.0	47.0
7-Oct	Teroldego	23.5	119.0	107.9	1.0	2.2	124.0	3.9	1609.0	3.6	158.0	41.0
30-Sep	Aglianico	22.0	106.9	97.9	0.6	1.6	71.0	3.4	836.0	5.9	110.0	47.0
30-Sep	Barbera	23.0	115.2	99.1	0.9	2.6	158.0	3.4	1140.0	6.8	224.0	81.0
30-Sep	Cabernet Franc	22.4	118.5	95.7	0.9	1.5	105.5	3.9	1446.5	3.5	127.5	26.5
30-Sep	Cabernet Sauvignon	24.2	125.4	109.2	0.9	0.5	77.5	3.7	1255.0	3.6	101.0	28.5
30-Sep	Malbec	25.1	130.6	112.4	0.6	0.6	101.0	3.7	1432.0	3.2	134.0	40.0
30-Sep	Mourvedre	21.2	107.4	94.6	0.6	1.5	179.5	3.8	1273.5	3.8	247.0	82.0
30-Sep	Primitivo	22.0	106.8	98.9	0.6	2.3	152.0	3.6	1334.0	5.0	213.0	74.0
30-Sep	Petite Sirah	26.6	134.7	124.4	1.2	1.1	176.0	3.7	1168.7	3.9	225.7	60.7
30-Sep	Petit Verdot	23.2	117.9	105.0	1.0	2.6	95.0	3.6	1140.0	5.0	121.0	32.0
30-Sep	Tannat	25.0	127.6	114.3	1.0	1.2	100.0	3.5	952.5	4.7	133.0	40.0
30-Sep	Tempranillo	25.2	127.8	117.4	0.7	1.2	80.0	3.6	1248.0	3.4	106.0	32.0
30-Sep	Teroldego	24.4	121.8	114.3	0.9	1.2	66.5	3.5	1004.0	4.2	88.5	26.5
24-Sep	Barbera	22.8	113.9	101.1	0.5	2.7	158.0	3.3	1663.0	8.1	233.0	92.0
24-Sep	Cabernet Franc	23.1	120.5	98.7	0.7	1.7	96.0	3.7	1864.5	4.7	117.5	26.5
24-Sep	Cabernet Sauvignon	24.6	126.5	115.0	0.9	1.4	54.0	3.6	1294.0	4.1	55.0	1.0
24-Sep	Malbec	24.2	122.2	111.1	0.5	1.6	116.0	3.6	1670.0	4.9	158.0	51.0
24-Sep	Mourvedre	20.9	105.8	91.7	0.4	1.7	177.5	3.7	1375.0	4.5	241.5	78.0
24-Sep	Primitivo	21.8	107.8	99.9	0.5	2.2	145.0	3.6	1607.0	5.6	207.0	76.0
24-Sep	Petite Sirah	25.8	133.3	122.4	1.3	1.8	67.0	3.5	1557.0	4.4	67.0	0.0
24-Sep	Petit Verdot	22.3	110.9	100.4	0.6	4.1	92.0	3.5	1895.0	6.9	112.0	25.0
24-Sep	Tannat	26.5	133.1	121.6	0.9	1.7	98.0	3.5	1128.0	5.0	132.0	42.0
24-Sep	Tempranillo	25.0	130.4	111.5	0.7	1.4	112.0	3.6	1884.0	3.1	142.0	36.0
24-Sep	Teroldego	25.1	126.1	119.4	0.8	2.0	47.0	3.5	1367.0	4.9	51.0	5.0
16-Sep	Barbera	22.2	111.3	100.1	0.7	3.4	176.0	3.4	1305.0	7.4	249.0	89.0
16-Sep	Chenin Blanc	23.1	115.8	110.6	0.4	0.6	86.0	3.4	694.0	4.1	118.0	39.0
16-Sep	Cabernet Franc	21.8	112.6	96.0	0.8	2.3	106.5	3.7	1534.0	4.7	130.0	28.5
16-Sep	Chardonnay	25.5	132.8	109.9	0.7	1.7	157.0	3.9	1881.0	4.2	194.0	45.0
16-Sep	Cabernet Sauvignon	24.6	126.5	115.0	0.9	1.4	54.0	3.6	1294.0	4.1	55.0	1.0
16-Sep	Malbec	24.9	124.3	117.9	0.4	2.0	90.0	3.6	1548.0	4.9	122.0	39.0
16-Sep	Muscat Canelli	25.4	130.7	117.4	0.8	1.3	58.0	3.4	1220.5	5.2	75.0	21.0
16-Sep	Mourvedre	22.2	110.9	99.5	0.6	2.3	213.0	3.8	1485.0	4.5	283.0	85.0
16-Sep	Primitivo	19.1	92.6	85.9	0.6	2.9	152.0	3.6	1409.0	5.6	221.0	84.0
16-Sep	Petite Sirah	26.2	133.1	125.2	1.1	1.5	94.0	3.5	1222.8	4.6	107.8	16.8
16-Sep	Petit Verdot	22.1	107.9	103.0	0.7	4.1	100.0	3.4	1438.0	6.8	132.0	39.0
16-Sep	Tannat	26.1	133.1	121.6	0.9	1.7	98.0	3.4	1128.0	5.0	132.0	42.0
16-Sep	Tempranillo	24.3	124.1	114.6	0.6	1.6	78.7	3.6	1455.0	3.7	102.3	28.7
16-Sep	Teroldego	25.1	126.1	119.4	0.8	2.0	47.0	3.5	1367.0	4.9	51.0	5.0
9-Sep	Alicante Bouschet	21.0	100.3	99.1	0.8	5.8	78.0	3.2	967.0	8.6	130.0	64.0
9-Sep	Aglianico	21.2	102.2	98.8	0.8	3.7	73.0	3.3	1373.0	7.9	119.0	56.0
9-Sep	Barbera	22.8	112.1	103.1	0.8	4.1	178.0	3.3	1466.0	8.4	262.0	102.0

Date Sampled	VARIETY	Brix	Fructose	Glucose	Lactic Acid	Malic Acid	N-OPA	pH	Potassium	Titrateable Acidity	Yeast Assimilable Nitrogen	Ammonia
9-Sep	Chenin Blanc	23.0	120.9	116.3	0.7	1.1	67.0	3.4	879.5	4.5	86.0	23.0
9-Sep	Cabernet Franc	22.0	111.9	99.1	0.8	2.4	108.5	3.6	1627.5	5.2	131.5	28.0
9-Sep	Chardonnay	25.0	131.6	107.9	0.8	1.6	159.0	3.8	1976.0	4.4	189.0	37.0
9-Sep	Cabernet Sauvignon	24.5	123.2	116.2	0.7	1.5	54.0	3.5	1445.0	5.2	62.0	10.0
9-Sep	Grenache	25.7	127.0	121.9	0.5	1.5	121.0	3.4	1163.0	5.4	173.0	63.0
9-Sep	Malbec	24.2	121.3	113.3	0.5	2.3	85.0	3.5	1582.0	5.2	113.0	34.0
9-Sep	Muscat Canelli	23.3	118.4	108.0	0.7	1.7	51.0	3.4	1248.5	5.3	64.5	17.0
9-Sep	Mourvedre	21.6	106.9	97.1	0.5	2.6	198.0	3.6	1424.0	5.1	273.0	92.0
9-Sep	Norton	25.6	126.7	116.9	1.3	5.1	197.0	3.4	2022.0	8.9	228.0	38.0
9-Sep	Pinot Noir	25.0	138.5	129.8	0.9	1.9	89.0	3.5	1290.0	5.0	110.0	26.0
9-Sep	Primitivo	21.3	103.8	98.0	0.7	3.2	151.0	3.5	1486.0	6.1	218.0	82.0
9-Sep	Petite Sirah	25.3	127.2	117.2	1.0	1.7	189.0	3.6	1270.0	4.9	237.0	58.0
9-Sep	Tannat	24.3	122.0	113.4	0.7	2.2	91.5	3.3	1249.0	6.1	119.0	33.0
9-Sep	Tempranillo	23.6	118.5	111.2	0.6	2.0	89.3	3.6	1423.3	4.4	125.3	44.0
9-Sep	Teroldego	23.9	117.9	112.6	0.9	3.0	57.0	3.4	1500.0	6.2	75.5	23.0
9-Sep	Viognier	26.3	135.4	118.0	1.5	2.0	180.0	3.7	1810.0	4.1	210.0	37.0
2-Sep	Aglianico	18.2	84.3	85.0	0.8	5.6	80.0	3.0	775.0	10.0	162.0	100.0
2-Sep	Alicante Bouschet	22.7	110.7	109.7	0.8	2.4	111.0	3.5	938.0	4.9	155.0	54.0
2-Sep	Barbera	20.3	96.6	92.3	0.7	5.9	150.0	3.1	1103.0	10.1	248.0	120.0
2-Sep	Cabernet Franc	19.0	94.3	87.0	0.9	3.7	97.0	3.4	959.0	6.0	133.0	44.0
2-Sep	Cab Sauv	23.4	117.6	113.0	0.8	1.7	50.0	3.4	847.0	4.4	59.0	11.0
2-Sep	Chardonnay	23.8	119.7	107.8	0.9	3.1	138.0	3.6	1055.0	5.6	200.0	76.0
2-Sep	Chenin Blanc	22.2	109.7	106.6	0.9	2.6	83.0	3.4	809.0	5.1	105.0	27.0
2-Sep	Grenache	24.3	120.2	117.7	0.9	1.7	112.0	3.3	638.0	5.0	164.0	63.0
2-Sep	Malbec	22.8	113.9	108.6	0.8	3.0	79.0	3.4	1146.0	5.6	112.0	40.0
2-Sep	Mourvedre	19.7	96.6	90.7	0.8	3.6	199.0	3.5	889.0	5.6	282.0	101.0
2-Sep	Muscat Canelli	21.6	109.6	101.1	0.8	1.3	31.0	3.3	644.0	5.4	43.0	15.0
2-Sep	Nebbiolo	23.3	115.9	110.8	1.1	2.1	69.0	3.2	706.0	6.2	100.0	38.0
2-Sep	Norton	23.3	113.1	106.5	1.7	8.2	214.0	3.3	1661.0	10.8	252.0	46.0
2-Sep	Petite Sirah	24.0	119.6	115.2	1.0	1.7	172.0	3.5	792.0	4.7	228.0	68.0
2-Sep	Pinot Noir	25.2	127.1	121.0	0.8	2.4	81.0	3.4	772.0	4.6	105.0	29.0
2-Sep	Primitivo	18.6	89.0	86.2	0.7	3.9	148.0	3.5	928.0	6.2	232.0	102.0
2-Sep	Sauvignon Blanc	19.2	94.3	91.5	0.2	0.9	85.0	3.2	588.0	5.6	138.0	65.0
2-Sep	Syrah	23.7	115.6	115.9	1.0	3.0	82.0	3.5	1218.0	4.5	100.0	22.0
2-Sep	Tannat	20.4	101.5	95.2	0.8	2.7	90.0	3.3	786.0	6.4	127.0	45.0
2-Sep	Tempranillo	23.6	111.7	106.4	0.8	2.5	58.0	3.4	860.0	4.9	81.0	28.0
2-Sep	Teroldego	22.7	112.7	109.7	1.0	2.9	34.0	3.3	785.0	5.7	46.0	15.0
2-Sep	Verdejo	20.5	101.5	97.3	0.6	1.9	91.0	3.4	977.0	4.8	121.0	37.0
2-Sep	Viognier	23.1	117.7	107.8	1.0	2.2	144.0	3.6	1071.0	4.5	187.0	53.0
26-Aug	Alicante Bouschet	20.1	98.0	96.1	0.6	2.4	62.0	3.3	648.0	5.2	84.0	27.0
26-Aug	Aglianico	17.1	75.4	78.7	0.7	7.7	75.0	2.9	1017.0	12.8	168.0	113.0
26-Aug	Barbera	18.0	81.5	80.4	0.7	7.8	132.0	3.0	1184.0	12.9	253.0	147.0
26-Aug	Chenin Blanc	19.5	101.1	100.3	0.8	2.3	74.5	3.3	699.0	5.5	106.5	39.0
26-Aug	Cabernet Franc	18.9	92.3	87.1	0.8	4.2	83.0	3.3	1079.0	6.7	112.0	35.0
26-Aug	Chardonnay	21.6	105.6	97.9	0.8	4.7	188.0	3.6	1559.0	6.7	263.0	92.0
26-Aug	Cabernet Sauvignon	21.5	105.1	104.6	0.8	2.6	52.0	3.3	940.0	5.4	68.0	19.0

Date Sampled	VARIETY	Brix	Fructose	Glucose	Lactic Acid	Malic Acid	N-OPA	pH	Potassium	Titrateable Acidity	Yeast Assimilable Nitrogen	Ammonia
26-Aug	Grenache	22.7	111.2	110.0	0.6	2.3	89.5	3.3	831.0	5.9	141.5	63.0
26-Aug	Malbec	21.4	104.2	101.2	0.7	3.4	87.0	3.4	1231.0	6.4	134.0	57.0
26-Aug	Muscat Canelli	19.6	97.8	91.2	0.7	2.0	54.0	3.3	893.3	5.5	76.0	26.7
26-Aug	Mourvedre	19.0	91.7	86.6	0.7	3.5	174.0	3.4	1012.5	6.1	252.5	95.5
26-Aug	Nebbiolo	21.6	106.6	102.3	1.0	3.2	54.0	3.1	771.0	8.1	83.0	35.0
26-Aug	Norton	22.1	105.1	98.1	1.5	10.6	158.0	3.0	1842.0	14.3	194.0	44.0
26-Aug	Pinot Noir	25.1	126.3	120.7	0.8	1.5	135.5	3.4	782.5	4.6	189.0	65.0
26-Aug	Primitivo	18.3	86.3	84.7	0.5	5.2	140.0	3.4	1239.0	7.5	222.0	100.0
26-Aug	Petite Sirah	20.9	102.9	97.7	1.0	2.3	159.0	3.4	927.0	6.0	219.0	73.0
26-Aug	Sauvignon Blanc	22.5	111.0	108.7	0.6	1.2	77.0	3.3	893.0	5.6	111.0	41.5
26-Aug	Syrah	21.9	107.1	105.9	0.8	3.7	88.5	3.4	1274.0	5.6	111.0	27.5
26-Aug	Tannat	17.7	84.5	81.5	0.7	3.7	73.0	3.1	936.0	8.4	121.0	58.0
26-Aug	Tempranillo	21.8	107.4	103.7	0.7	3.1	85.3	3.4	1168.5	5.4	132.8	58.0
26-Aug	Teroldego	21.4	105.7	102.2	0.9	3.2	42.0	3.2	938.0	6.7	61.0	23.0
26-Aug	Verdejo	19.0	93.0	89.0	0.7	2.7	83.5	3.3	1185.0	6.1	115.5	39.0
26-Aug	Viognier	20.4	100.2	94.6	0.8	2.4	140.0	3.5	1052.0	5.2	203.0	77.0
19-Aug	Barbera	18.4	83.4	83.2	0.7	8.4	136.0	3.0	1203.0	13.1	252.0	141.0
19-Aug	Chenin Blanc	20.4	98.1	100.3	0.8	3.0	59.0	3.2	726.0	6.2	85.5	32.0
19-Aug	Chardonnay	20.9	101.9	96.5	0.8	4.7	148.0	3.4	1138.3	7.4	219.0	86.3
19-Aug	Grenache	21.1	101.9	102.0	0.6	2.5	81.0	3.2	751.0	6.5	139.0	70.7
19-Aug	Malbec	21.3	103.4	100.6	0.7	4.1	72.0	3.2	1264.0	7.3	115.0	52.0
19-Aug	Muscat Canelli	18.9	93.1	88.9	0.7	2.6	41.5	3.3	926.5	6.2	59.5	22.0
19-Aug	Mourvedre	17.9	83.9	81.0	0.8	5.1	203.0	3.4	1155.0	7.5	298.0	116.0
19-Aug	Pinot Noir	23.8	116.6	113.9	1.0	2.4	154.0	3.3	924.0	6.3	238.0	103.0
19-Aug	Sauvignon Blanc	22.0	107.2	109.0	0.7	1.8	44.0	3.1	790.0	6.4	62.3	22.3
17-Aug	Syrah	19.6						3.5		6.9		
19-Aug	Tempranillo	21.0	102.3	99.5	0.6	3.6	83.8	3.4	1101.3	6.0	136.5	64.0
19-Aug	Verdejo	17.8	84.8	83.0	0.8	3.4	78.5	3.2	1172.5	7.2	114.5	44.0
19-Aug	Viognier	18.6	89.6	85.9	0.7	2.9	125.0	3.4	1013.0	6.0	188.0	77.0
12-Aug	Aglianico	14.0	54.9	60.7	0.9	13.1	49.0	2.8	1301.0	19.0	165.0	141.0
12-Aug	Alicante Bouschet	20.1	96.3	97.0	0.7	4.0	84.0	3.2	718.0	6.7	138.0	66.0
12-Aug	Chardonnay	18.9	87.7	85.8	0.7	6.7	159.0	3.2	1549.7	10.2	249.7	110.7
12-Aug	Chenin Blanc	19.4	92.1	94.7	0.9	4.0	55.5	3.1	784.0	7.7	87.0	38.5
12-Aug	Grenache	19.5	91.5	93.3	0.7	3.4	78.5	3.1	967.5	8.1	145.5	82.0
12-Aug	Malbec	19.8	93.5	93.0	0.7	5.2	83.0	3.1	1295.0	9.0	144.0	75.0
12-Aug	Mourvedre	17.4	79.9	79.1	0.8	6.0	215.0	3.3	1182.0	8.5	325.0	134.0
12-Aug	Muscat Canelli	17.1	81.7	78.5	0.7	3.2	45.7	3.1	1037.7	7.4	74.0	34.3
12-Aug	Nebbiolo	18.2	83.7	82.8	1.1	5.9	42.0	2.8	1137.0	12.4	85.0	53.0
12-Aug	Pinot Noir	22.3	109.8	104.8	0.5	2.5	178.3	3.3	794.8	6.7	277.8	121.3
12-Aug	Primitivo	15.3	67.8	69.4	0.6	6.5	111.0	3.1	1102.0	10.1	206.0	116.0
12-Aug	Sauvignon Blanc	20.6	99.0	98.3	0.4	2.2	92.3	3.2	1065.0	6.9	147.7	67.3
12-Aug	Syrah	19.1	89.8	90.6	0.8	5.5	79.0	3.2	1376.5	8.6	115.0	43.5
12-Aug	Tempranillo	19.8	94.2	92.8	0.5	5.0	102.7	3.3	1187.7	7.5	176.7	90.3
12-Aug	Teroldego	16.6	77.3	76.5	0.8	4.7	36.0	3.0	941.0	9.2	64.0	34.0
12-Aug	Verdejo	16.5	76.5	76.5	0.6	5.1	70.5	3.1	1363.5	9.1	111.0	49.5
12-Aug	Viognier	18.3	86.0	83.8	0.8	4.6	127.0	3.2	1334.0	8.4	202.0	91.0

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5-Aug	Chardonnay	16.7	74.2	75.1	0.7	9.0	162.0	3.2	1221.0	11.7	272.0	134.0
5-Aug	Chenin Blanc	18.2	83.7	88.6	0.7	5.7	43.0	2.9	642.5	9.7	89.5	56.5
5-Aug	Grenache	17.6	80.8	83.8	0.6	5.6	79.0	3.0	745.0	9.7	163.0	103.0
5-Aug	Malbec	16.9	76.0	76.1	0.6	8.2	64.0	3.0	1267.0	12.6	147.0	101.0
5-Aug	Pinot Gris	20.2	99.7	96.8	0.6	2.9	43.3	3.1	649.0	6.9	67.3	29.3
5-Aug	Pinot Noir	19.4	93.4	92.0	0.4	3.3	127.3	3.2	637.7	7.3	212.0	103.3
5-Aug	Sauvignon Blanc	16.8	76.5	79.0	0.4	4.5	56.8	2.9	782.3	10.0	125.8	84.0
5-Aug	Syrah	17.6	80.7	83.8	0.9	7.1	71.0	3.0	927.0	10.0	119.0	58.0
5-Aug	Tempranillo	18.9	90.2	89.1	0.8	4.5	88.0	3.3	1027.0	7.1	150.0	76.0
5-Aug	Verdejo	13.5	57.1	59.4	0.8	9.1	71.5	3.0	1218.5	13.1	142.0	86.5