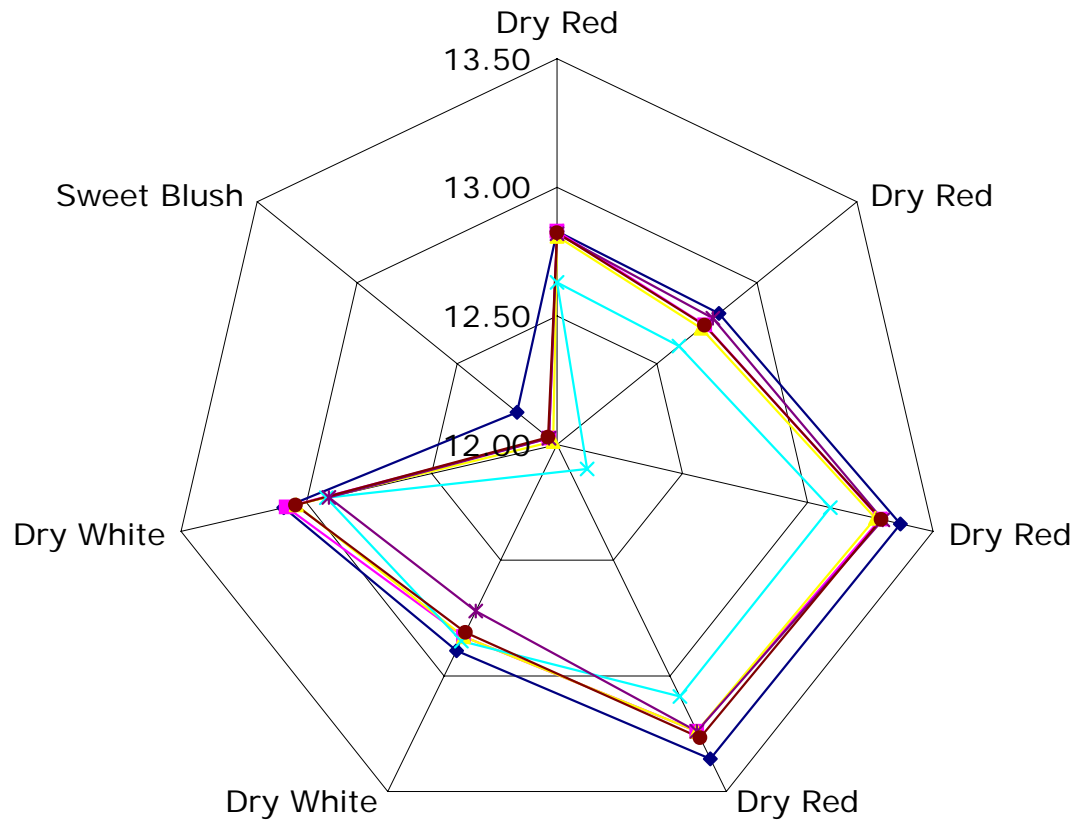


Summary of Results by Methodology

Test Cycle	Wine Type	Ebulliometer		Gas Chromatography		Near Infrared		Dist. / Density		FTIR		Grand Mean	
		Mean	Count	Mean	Count	Mean	Count	Mean	Count	Mean	Count	Mean	Count
019	Dry Red	12.83	16	12.83	8	12.81	20	12.63	7	12.82	6	12.824	
019	Dry Red	12.81		12.74		12.72		12.61		12.78		12.737	
021	Dry Red	13.37	15	13.29	8	13.27	21	13.09	5	13.30	6	13.294	
021	Dry Red	13.36		13.24		13.24		13.09		13.24		13.268	
022	Dry White	12.89	10	12.83	7	12.83	25	12.85	5	12.72	4	12.812	53
022	Dry White	13.09		13.08		13.04		12.92		12.91		13.044	53
020	Sweet Blush	10.51	14	10.37	10	10.25	21	10.16	8	10.71	3	10.284	
020	Sweet Blush	12.20		12.04		12.02		11.85		12.04		12.045	
013	Sweet Blush	11.40	9	11.38	13	11.27	17	11.30	4	11.20	1		
013	Sweet Blush	11.41		11.32		11.26		11.26		11.23			

Summary of Results by Methodology

Test Cycle	Wine Type	Gas					Grand Mean
		Ebulliometer Mean	Chromatography Mean	Near Infrared Mean	Dist. / Density Mean	FTIR Mean	
019	Dry Red	12.83	12.83	12.81	12.63	12.82	12.824
019	Dry Red	12.81	12.74	12.72	12.61	12.78	12.737
021	Dry Red	13.37	13.29	13.27	13.09	13.30	13.294
021	Dry Red	13.36	13.24	13.24	13.09	13.24	13.268
022	Dry White	12.89	12.83	12.83	12.85	12.72	12.812
022	Dry White	13.09	13.08	13.04	12.92	12.91	13.044
020	Sweet Blush	12.20	12.04	12.02	11.85	12.04	12.045
020	Sweet Blush	10.51	10.37	10.25	10.16	10.71	10.284



Cycle 022 Spring 2006 - Analysis 901 %Ethanol

LabCode	InstrLtr	CC	Method	UCLnst	Sam-1	Sam1Avg	Sam1StdDev	Sam1HVal	Sam1HFla	Sam-2	Sam2Avg	Sam2StdDev	Sam2HVal	Sam2HFla	Flag	Note
****	A	1	Ebulliometer	11LS	SA41	12.50	0.00	-2.42		SA42	12.70	0.14	-2.73	X	*	
****	A	1	Ebulliometer	11XX	SA41	12.45	0.07	-2.81	X	SA42	12.70	0.00	-2.73	X	*	
****	A	1	Ebulliometer	11XX	SA41	13.18	0.18	2.82	X	SA42	13.25	0.07	1.63		X	
****	A	1	Ebulliometer	11DS	SA41	12.75	0.07	-0.48		SA42	13.10	0.00	0.44		X	
****	A	1	Ebulliometer	11DS	SA41	12.80	0.00	-0.09		SA42	13.05	0.07	0.05		O	
****	A	1	Ebulliometer	11XX	SA41	12.95	0.07	1.07		SA42	13.00	0.00	-0.35		X	
****	A	1	Ebulliometer	11DS	SA41	13.10	0.00	2.24		SA42	13.40	0.00	2.82	X	X	
****	A	1	Ebulliometer	11DE	SA41	13.10	0.00	2.24		SA42	13.30	0.00	2.03		O	
****	A	1	Ebulliometer	11DE	SA41	13.11	0.01	2.31		SA42	13.32	0.00	2.19		O	
****	A	1	Ebulliometer	11LS	SA41	13.00	0.00	1.46		SA42	13.10	0.14	0.44		X	
Count			10		Avg	12.89				Avg	13.09					
Included Labs			5		Median	12.98				Median	13.10					
					STD	0.26				STD	0.24					
****	A	2	GC	12XX	SA41	12.83	0.01	0.10		SA42	13.07	0.00	0.21		O	
****	A	2	GC	12HB	SA41	12.80	0.00	-0.09		SA42	13.05	0.00	0.05		O	
****	A	2	GC	12HC	SA41	12.90	0.14	0.68		SA42	13.18	0.04	1.04		O	
****	A	2	GC	12XX	SA41	12.82	0.04	0.06		SA42	13.09	0.01	0.32		O	
****	A	2	GC	12SC	SA41	12.93	0.04	0.92		SA42	13.14	0.03	0.76		O	
****	A	2	GC	12XX	SA41	12.76	0.03	-0.42		SA42	12.99	0.02	-0.40		O	
****	A	2	GC	12HB	SA41	12.79	0.00	-0.17		SA42	13.02	0.01	-0.23		O	
Count			7		Avg	12.83				Avg	13.08					
					Median	12.82				Median	13.07					
					STD	0.06				STD	0.06					
****	A	3	Near Infrared	13AZ	SA41	12.75	0.00	-0.48		SA42	12.99	0.00	-0.43		O	
****	A	3	Near Infrared	13AZ	SA41	12.79	0.02	-0.21		SA42	13.04	0.00	-0.03		O	
****	A	3	Near Infrared	13AZ	SA41	12.80	0.00	-0.09		SA42	13.04	0.01	-0.07		O	
****	A	3	Near Infrared	13AZ	SA41	12.81	0.00	-0.01		SA42	13.04	0.00	-0.03		O	
****	A	3	Near Infrared	13AZ	SA41	12.79	0.01	-0.21		SA42	13.04	0.01	-0.07		O	
****	A	3	Near Infrared	13AL	SA41	12.80	0.04	-0.09		SA42	13.02	0.05	-0.23		O	
****	A	3	Near Infrared	13XX	SA41	12.81	0.02	-0.05		SA42	13.05	0.02	0.01		O	
****	A	3	Near Infrared	13AZ	SA41	12.85	0.00	0.30		SA42	13.08	0.00	0.28		O	
****	A	3	Near Infrared	13AZ	SA41	13.25	0.01	3.36	X	SA42	12.97	0.00	-0.59		X	
****	A	3	Near Infrared	13AZ	SA41	12.77	0.00	-0.33		SA42	13.01	0.00	-0.27		O	
****	A	3	Near Infrared	13AZ	SA41	12.89	0.01	0.61		SA42	13.13	0.01	0.64		O	
****	A	3	Near Infrared	13AZ	SA41	12.76	0.03	-0.40		SA42	13.01	0.02	-0.31		O	
****	A	3	Near Infrared	13AZ	SA41	12.73	0.00	-0.64		SA42	12.95	0.01	-0.74		O	
****	A	3	Near Infrared	13AZ	SA41	13.00	0.01	1.46		SA42	13.25	0.00	1.63		O	
****	A	3	Near Infrared	13AZ	SA41	12.65	0.03	-1.26		SA42	12.71	0.05	-2.69		X	
****	A	3	Near Infrared	13DE	SA41	12.88	0.00	0.53		SA42	13.11	0.00	0.52		O	
****	B	3	Near Infrared	13PA	SA41	12.89	0.01	0.57		SA42	13.12	0.01	0.56		O	
****	A	3	Near Infrared	13AZ	SA41	12.81	0.01	-0.01		SA42	13.06	0.00	0.13		O	
****	A	3	Near Infrared	13AZ	SA41	12.85	0.01	0.26		SA42	13.08	0.00	0.28		O	
****	A	3	Near Infrared	13AZ	SA41	12.79	0.00	-0.17		SA42	13.04	0.01	-0.03		O	

ASEV-CTS Wine Interlaboratory Program

Ethanol Comparison

for 2006 ASEV Annual Meeting

****	A	3	Near Infrared	13AZ	SA41	12.76	0.01	-0.40	SA42	12.99	0.02	-0.47	O	
****	A	3	Near Infrared	13AZ	SA41	12.85	0.01	0.26	SA42	13.06	0.02	0.09	O	
****	A	3	Near Infrared	13AZ	SA41	12.82	0.05	0.02	SA42	13.05	0.04	0.05	O	
****	A	3	Near Infrared	13AZ	SA41	12.85	0.03	0.30	SA42	13.09	0.00	0.36	O	
****	A	7	Near Infrared	17AZ	SA41	12.79	0.02	-0.21	SA42	13.02	0.01	-0.23	O	Moved
	Count	25			Avg	12.83			Avg	13.04				
					Median	12.81			Median	13.04				
					STD	0.11			STD	0.09				
****	B	4	Dist. / Density	14AM	SA41	12.60	0.00	-1.65	SA42	12.83	0.04	-1.73	O	
****	A	4	Dist. / Density	14GB	SA41	12.60	0.00	-1.65	SA42	12.80	0.00	-1.93	O	
****	A	4	Dist. / Density	14DD	SA41	13.60	0.00	6.12 X	SA42	12.93	0.04	-0.94	X	
****	A	4	Dist. / Density	14DE	SA41	12.75	0.00	-0.48	SA42	13.10	0.13	0.44	X	
****	A	4	Dist. / Density	14AR	SA41	12.70	0.00	-0.87	SA42	12.95	0.07	-0.74	O	
	Count	5			Avg	12.85			Avg	12.92				
					Median	12.70			Median	12.93				
					STD	0.42			STD	0.12				
****	A	6	FTIR	16FT	SA41	12.90	0.00	0.68	SA42	13.11	0.00	0.52	O	
****	A	6	FTIR	16FT	SA41	12.83	0.00	0.14	SA42	13.02	0.00	-0.19	O	
****	A	6	FTIR	16XX	SA41	12.70	0.00	-0.87	SA42	12.97	0.00	-0.59	O	
****	A	6	FTIR	16FT	SA41	12.47	0.04	-2.69 X	SA42	12.53	0.11	-4.11 X	X	
	Count	4			Avg	12.72			Avg	12.91				
					Median	12.77			Median	13.00				
					STD	0.19			STD	0.26				
****	A	7	Other	17XX	SA41	13.00	0.00	1.46	SA42	13.20	0.00	1.24	O	
****	A	7	Other	17SK	SA41	13.00	0.00	1.46	SA42	13.20	0.00	1.24	O	

Cycle 021 Fall 2005 - Analysis 901 %Ethanol

LabCode	InstrLtr	CC	Method	UCInst	Sam-1	Sam1Avg	Sam1StdDev	Sam1HVal	Sam1HFla	Sam-2	Sam2Avg	Sam2StdDev	Sam2HVal	Sam2HFla	Spike	Note
****	A	1	Ebulliometer	11AZ	SA39	13.28	0.00	-0.11		SA40	13.26	0.00	-0.06		O	??
****	A	1	Ebulliometer	11LS	SA39	13.60	0.14	2.46		SA40	13.60	0.14	2.57		*	
****	A	1	Ebulliometer	11XX	SA39	12.85	0.07	-3.57	X	SA40	12.85	0.07	-3.24	X	X	
****	A	1	Ebulliometer	11AQ	SA39	13.45	0.07	1.25		SA40	13.70	0.00	3.34	X	X	
****	A	1	Ebulliometer	11XX	SA39	13.55	0.07	2.06		SA40	13.65	0.21	2.96	X	X	
****	A	1	Ebulliometer	11DS	SA39	13.50	0.00	1.65		SA40	13.50	0.00	1.80		O	
****	A	1	Ebulliometer	11DS	SA39	13.30	0.00	0.05		SA40	13.30	0.00	0.25		O	
****	A	1	Ebulliometer	11DS	SA39	13.20	0.00	-0.76		SA40	13.20	0.00	-0.53		O	
****	A	1	Ebulliometer	11XX	SA39	13.40	0.00	0.85		SA40	13.20	0.00	-0.53		X	
****	A	1	Ebulliometer	11XX	SA39	13.30	0.00	0.05		SA40	13.30	0.00	0.25		O	
****	A	1	Ebulliometer	11DS	SA39	13.50	0.00	1.65		SA40	13.50	0.00	1.80		O	
****	A	1	Ebulliometer	11DS	SA39	13.35	0.07	0.45		SA40	13.30	0.00	0.25		O	
****	A	1	Ebulliometer	11DE	SA39	13.55	0.05	2.02		SA40	13.55	0.05	2.14		O	
****	A	1	Ebulliometer	11DE	SA39	13.50	0.14	1.65		SA40	13.50	0.00	1.80		O	
****	A	1	Ebulliometer	11LS	SA39	13.28	0.04	-0.15		SA40	12.93	0.11	-2.66		X	
Count			15	Avg		13.37				Avg	13.36					
Included Labs			10	Median		13.40				Median	13.30					
				STD		0.19				STD	0.25					
****	A	2	GC	12XX	SA39	13.36	0.00	0.53		SA40	13.27	0.00	0.01		O	
****	A	2	GC	12HB	SA39	13.32	0.03	0.21		SA40	13.25	0.00	-0.14		O	
****	A	2	GC	12HC	SA39	13.35	0.00	0.45		SA40	13.30	0.07	0.25		O	
****	A	2	GC	12XX	SA39	13.47	0.01	1.41		SA40	13.38	0.01	0.83		*	
****	A	2	GC	12XX	SA39	13.06	0.03	-1.85		SA40	13.04	0.01	-1.79		O	
****	A	2	GC	12XX	SA39	13.23	0.01	-0.56		SA40	13.20	0.01	-0.53		O	
****	A	2	GC	12HB	SA39	13.33	0.01	0.25		SA40	13.33	0.00	0.48		O	
****	A	2	GC	12HB	SA39	13.17	0.01	-1.00		SA40	13.15	0.02	-0.95		O	
Count			8	Avg		13.29				Avg	13.24					
				Median		13.32				Median	13.26					
				STD		0.13				STD	0.11					
****	A	3	Near Infrared	13AZ	SA39	13.27	0.00	-0.19		SA40	13.24	0.00	-0.22		O	
****	B	3	Near Infrared	13AZ	SA39	13.27	0.00	-0.19		SA40	13.24	0.00	-0.22		O	
****	A	3	Near Infrared	13AZ	SA39	13.31	0.00	0.13		SA40	13.29	0.01	0.13		O	
****	A	3	Near Infrared	13AZ	SA39	13.19	0.01	-0.84		SA40	13.23	0.01	-0.33		O	
****	A	3	Near Infrared	13AZ	SA39	13.26	0.04	-0.27		SA40	13.27	0.00	0.01		O	
****	A	3	Near Infrared	13XX	SA39	13.35	0.01	0.45		SA40	13.31	0.01	0.29		O	
****	A	3	Near Infrared	13AZ	SA39	13.29	0.00	-0.03		SA40	13.25	0.00	-0.14		O	
****	A	3	Near Infrared	13XX	SA39	13.18	0.03	-0.92		SA40	13.16	0.03	-0.84		O	
****	A	3	Near Infrared	13AZ	SA39	13.38	0.00	0.69		SA40	13.35	0.00	0.63		O	
****	A	3	Near Infrared	13AZ	SA39	13.29	0.01	-0.03		SA40	13.26	0.01	-0.10		O	
****	A	3	Near Infrared	13AZ	SA39	12.96	0.05	-2.73	X	SA40	12.89	0.06	-2.93	X	*	
****	A	3	Near Infrared	13AZ	SA39	13.26	0.01	-0.31		SA40	13.23	0.01	-0.33		O	
****	A	3	Near Infrared	13AZ	SA39	13.34	0.00	0.37		SA40	13.31	0.01	0.29		O	
****	A	3	Near Infrared	13AZ	SA39	13.24	0.00	-0.44		SA40	13.21	0.01	-0.45		#	

****	A	3	Near Infrared	13AZ	SA39	13.23	0.01	-0.56		SA40	13.19	0.00	-0.61	O	
****	A	3	Near Infrared	13AZ	SA39	13.38	0.01	0.65		SA40	13.34	0.01	0.52	O	
****	A	3	Near Infrared	13AZ	SA39	13.23	0.03	-0.52		SA40	13.23	0.01	-0.30	O	
****	A	7	Near Infrared	17AZ	SA39	13.25	0.01	-0.35		SA40	13.20	0.01	-0.57	O	Moved
****	A	7	Near Infrared	17AZ	SA39	13.31	0.00	0.13		SA40	13.27	0.01	-0.02	O	Moved
****	A	7	Near Infrared	17AZ	SA39	13.29	0.03	-0.03		SA40	13.24	0.03	-0.22	O	Moved
****	A	7	Near Infrared	17AL	SA39	13.32	0.00	0.21		SA40	13.27	0.00	0.01	O	Moved
	Count		21		Avg	13.27				Avg	13.24				
					Median	13.27				Median	13.24				
					STD	0.09				STD	0.09				
****	A	4	Dist. / Density	14AP	SA39	13.16	0.00	-1.11		SA40	13.17	0.03	-0.74	O	
****	A	4	Dist. / Density	14GB	SA39	13.20	0.00	-0.76		SA40	13.20	0.00	-0.53	O	
****	A	4	Dist. / Density	14XX	SA39	13.10	0.02	-1.58		SA40	13.07	0.03	-1.52	O	
****	A	4	Dist. / Density	14DD	SA39	12.85	0.21	-3.57 X		SA40	12.95	0.21	-2.46	X	
****	A	4	Dist. / Density	14AR	SA39	13.15	0.07	-1.16		SA40	13.05	0.07	-1.69	*	
	Count		5		Avg	13.09				Avg	13.09				
					Median	13.15				Median	13.07				
					STD	0.14				STD	0.10				
****	A	6	FTIR	16AZ	SA39	13.28	0.00	-0.11		SA40	13.30	0.02	0.21	O	
****	A	6	FTIR	16FT	SA39	13.39	0.01	0.73		SA40	13.36	0.01	0.67	O	
****	A	6	FTIR	16FT	SA39	13.31	0.00	0.13		SA40	13.30	0.00	0.25	O	
****	A	6	FTIR	16FT	SA39	13.10	0.00	-1.56		SA40	13.10	0.00	-1.30	O	
****	A	6	FTIR	16FT	SA39	13.36	0.00	0.53		SA40	13.33	0.00	0.48	O	
****	A	6	FTIR	16FT	SA39	13.38	0.01	0.69		SA40	13.36	0.01	0.71	O	
	Count		6		Avg	13.30				Avg	13.29				
					Median	13.34				Median	13.32				
					STD	0.11				STD	0.10				
****	A	7	Other	17SK	SA39	13.10	0.00	-1.56		SA40	12.80	0.00	-3.63 X	X	

Cycle 020 Summer 2005 - Analysis 901 %Ethanol

LabCode	InstrLtr	CC	Method	UCInst	Sam-1	Sam1Avg	Sam1StdDev	Sam1HVal	Sam1HFla	Sam-2	Sam2Avg	Sam2StdDev	Sam2HVal	Sam2HFla	Spike	Note
****	A	1	Ebulliometer	11AZ	SA37	10.25	0.00	-0.27		SA38	12.04	0.00	-0.07		O	???
****	A	1	Ebulliometer	11LS	SA37	10.15	0.07	-1.06		SA38	12.15	0.07	1.28		X	
****	A	1	Ebulliometer	11XX	SA37	10.20	0.00	-0.67		SA38	11.90	0.00	-1.78		O	
****	A	1	Ebulliometer	11DS	SA37	10.63	0.11	2.71	X	SA38	12.30	0.07	3.12	X	*	
****	A	1	Ebulliometer	11DS	SA37	10.65	0.07	2.91	X	SA38	12.10	0.00	0.67		X	
****	A	1	Ebulliometer	11XX	SA37	10.75	0.07	3.70	X	SA38	12.03	0.04	-0.25		X	
****	A	1	Ebulliometer	11DE	SA37	10.45	0.07	1.32		SA38	12.10	0.00	0.67		O	
****	A	1	Ebulliometer	11XX	SA37	10.30	0.00	0.13		SA38	11.95	0.00	-1.17		O	
****	A	1	Ebulliometer	11DE	SA37	10.68	0.04	3.10	X	SA38	12.30	0.00	3.12	X	*	
****	A	1	Ebulliometer	11DS	SA37	10.30	0.00	0.13		SA38	12.10	0.00	0.67		O	
****	A	1	Ebulliometer	11DS	SA37	10.28	0.11	-0.07		SA38	12.10	0.14	0.67		O	
****	A	1	Ebulliometer	11DE	SA37	10.67	0.00	3.06	X	SA38	12.65	0.00	7.41	X	X	
****	A	1	Ebulliometer	11DE	SA37	11.00	0.00	5.69	X	SA38	12.60	0.00	6.80	X	X	
****	A	1	Ebulliometer	11LS	SA37	10.85	0.07	4.49	X	SA38	12.50	0.14	5.57	X	X	
Count			14		Avg	10.51				Avg	12.20					
Included Labs			8		Median	10.54				Median	12.10					
					STD	0.27				STD	0.24					
****	A	2	GC	12XX	SA37	10.32	0.05	0.25		SA38	12.09	0.01	0.55		O	
****	A	2	GC	12HB	SA37	10.35	0.00	0.52		SA38	12.08	0.04	0.36		O	
****	A	2	GC	12HC	SA37	10.40	0.00	0.92		SA38	12.10	0.07	0.67		O	
****	A	2	GC	12HA	SA37	10.38	0.01	0.76		SA38	12.12	0.04	0.85		O	
****	A	2	GC	12XX	SA37	10.22	0.01	-0.55		SA38	11.73	0.01	-3.93	X	X	
****	A	2	GC	12SC	SA37	10.85	0.02	4.45	X	SA38	12.09	0.01	0.55		X	
****	A	2	GC	12XX	SA37	10.31	0.02	0.21		SA38	12.06	0.00	0.13		O	
****	A	2	GC	12XX	SA37	10.22	0.04	-0.55		SA38	11.98	0.07	-0.80		O	
****	A	2	GC	12HB	SA37	10.33	0.04	0.37		SA38	12.08	0.03	0.43		O	
****	A	2	GC	12HB	SA37	10.29	0.01	0.05		SA38	12.05	0.04	0.06		O	
Count			10		Avg	10.37				Avg	12.04					
					Median	10.32				Median	12.08					
					STD	0.18				STD	0.12					
****	A	3	Near Infrared	13XX	SA37	10.24	0.01	-0.39		SA38	12.04	0.01	-0.13		O	
****	B	3	Near Infrared	13XX	SA37	10.24	0.01	-0.39		SA38	12.04	0.01	-0.13		O	
****	A	3	Near Infrared	13AZ	SA37	10.26	0.00	-0.19		SA38	12.05	0.00	0.06		O	
****	A	3	Near Infrared	13AZ	SA37	10.28	0.01	-0.07		SA38	12.06	0.00	0.18		O	
****	A	3	Near Infrared	13AZ	SA37	10.18	0.00	-0.83		SA38	11.98	0.01	-0.86		O	
****	A	3	Near Infrared	13AZ	SA37	10.26	0.02	-0.23		SA38	12.02	0.00	-0.31		O	
****	A	3	Near Infrared	13XX	SA37	10.42	0.08	1.04		SA38	12.07	0.07	0.30		O	
****	A	3	Near Infrared	13AZ	SA37	10.27	0.01	-0.15		SA38	12.04	0.00	-0.07		O	
****	A	3	Near Infrared	13XX	SA37	10.27	0.02	-0.15		SA38	12.02	0.03	-0.31		O	
****	A	3	Near Infrared	13AZ	SA37	10.27	0.00	-0.11		SA38	12.05	0.00	0.06		O	
****	A	3	Near Infrared	13AZ	SA37	10.26	0.01	-0.23		SA38	12.00	0.01	-0.62		O	
****	A	3	Near Infrared	13AZ	SA37	10.24	0.01	-0.35		SA38	11.97	0.01	-0.92		O	
****	A	3	Near Infrared	13AZ	SA37	10.34	0.01	0.44		SA38	12.10	0.00	0.67		O	

****	A	3	Near Infrared	13AL	SA37	10.29	0.01	0.01		SA38	12.00	0.01	-0.56		O	
****	A	3	Near Infrared	13AZ	SA37	10.16	0.02	-1.02		SA38	11.90	0.01	-1.84		O	
****	A	3	Near Infrared	13AZ	SA37	10.27	0.01	-0.15		SA38	12.00	0.01	-0.56		O	
****	A	3	Near Infrared	13AZ	SA37	10.15	0.07	-1.06		SA38	12.00	0.01	-0.62		O	
****	A	3	Near Infrared	13AZ	SA37	10.14	0.05	-1.18		SA38	11.98	0.03	-0.80		O	
****	A	3	Near Infrared	13AZ	SA37	10.27	0.01	-0.15		SA38	12.08	0.01	0.43		O	
****	A	0	Near Infrared	10AZ	SA37	10.29	0.01	0.05		SA38	12.08	0.01	0.36		O	Moved
****	A	7	Near Infrared	17AL	SA37	10.28	0.00	-0.03		SA38	12.07	0.01	0.24		O	Moved
	Count		21		Avg	10.25				Avg	12.02					
					Median	10.27				Median	12.04					
					STD	0.06				STD	0.05					
****	A	4	Dist. / Density	14AP	SA37	10.58	0.04	2.31		SA38	12.18	0.04	1.59		O	
****	B	4	Dist. / Density	14AP	SA37	10.01	0.00	-2.18		SA38	11.92	0.00	-1.59		O	
****	A	4	Dist. / Density	14GB	SA37	10.10	0.00	-1.46		SA38	11.80	0.00	-3.01	X	X	
****	A	4	Dist. / Density	14AN	SA37	10.25	0.01	-0.24		SA38	12.00	0.01	-0.54		O	
****	A	4	Dist. / Density	14XX	SA37	10.25	0.01	-0.30		SA38	12.00	0.00	-0.54		O	
****	A	4	Dist. / Density	14DD	SA37	10.00	0.00	-2.25		SA38	11.48	0.25	-6.99	X	X	
****	A	4	Dist. / Density	14DS	SA37	9.90	0.00	-3.05	X	SA38	11.45	0.35	-7.30	X	X	
****	A	7	Dist. / Density	17AM	SA37	10.20	0.03	-0.67		SA38	11.97	0.04	-0.92		O	Moved
	Count		8		Avg	10.16				Avg	11.85					
					Median	10.15				Median	11.94					
					STD	0.21				STD	0.26					
****	A	6	FTIR	16AZ	SA37	10.32	0.01	0.25		SA38	12.11	0.00	0.79		O	
****	A	6	FTIR	16FT	SA37	10.00	0.00	-2.25		SA38	11.97	0.00	-0.92		*	
****	A	6	FTIR	16FT	SA37	10.20	0.00	-0.67		SA38	12.05	0.07	0.06		O	
	Count		3		Avg	10.17				Avg	12.04					
					Median	10.20				Median	12.05					
					STD	0.16				STD	0.07					
****	A	7	Other	17XX	SA37	10.60	0.00	2.51		SA38	12.40	0.00	4.35	X	X	
****	A	7	Other	17SK	SA37	10.30	0.00	0.13		SA38	12.40	0.00	4.35	X	X	

Cycle 019 Spring 2005 - Analysis 901 %Ethanol

LabCode	InstrLtr	CC	Method	UCInst	Sam-1	Sam1Avg	Sam1StdDev	Sam1HVAl	Sam1HFla	Sam-2	Sam2Avg	Sam2StdDev	Sam2HVAl	Sam2HFla	Flag	Note
****	A	1	Ebulliometer	11AZ	SA35	12.93	0.00	0.98		SA36	12.84	0.00	1.08		O	
****	A	1	Ebulliometer	11LS	SA35	13.00	0.00	1.62		SA36	12.80	0.00	0.66		*	
****	A	1	Ebulliometer	11XX	SA35	12.85	0.07	0.24		SA36	12.75	0.07	0.14		O	
****	A	1	Ebulliometer	11DS	SA35	13.10	0.00	2.54		SA36	12.99	0.00	2.65		*	
****	A	1	Ebulliometer	11XX	SA35	13.10	0.00	2.54		SA36	13.10	0.00	3.81	X	X	
****	A	1	Ebulliometer	11XX	SA35	12.30	0.14	-4.81	X	SA36	12.40	0.14	-3.52	X	X	
****	A	1	Ebulliometer	11DS	SA35	12.90	0.07	0.70		SA36	12.95	0.00	2.24		X	
****	A	1	Ebulliometer	11DS	SA35	12.75	0.00	-0.68		SA36	12.75	0.00	0.14		O	
****	A	1	Ebulliometer	11DE	SA35	12.80	0.14	-0.22		SA36	13.00	0.00	2.76	X	X	
****	B	1	Ebulliometer	11PA	SA35	12.80	0.14	-0.22		SA36	12.90	0.00	1.71		X	
****	A	1	Ebulliometer	11DS	SA35	12.90	0.00	0.70		SA36	12.75	0.07	0.14		O	
****	A	1	Ebulliometer	11XX	SA35	12.80	0.00	-0.22		SA36	12.80	0.00	0.66		O	
****	A	1	Ebulliometer	11DE	SA35	12.60	0.00	-2.05		SA36	12.60	0.00	-1.43		O	
****	A	1	Ebulliometer	11XX	SA35	13.00	0.00	1.62		SA36	12.90	0.00	1.71		O	
****	A	1	Ebulliometer	11XX	SA35	12.55	0.21	-2.51		SA36	12.56	0.20	-1.85		*	
****	A	1	Ebulliometer	11DE	SA35	12.90	0.00	0.70		SA36	12.80	0.00	0.66		O	
Count			16		Avg	12.83				Avg	12.81					
Included Labs			11		Median	12.88				Median	12.80					
					STD	0.21				STD	0.18					
****	A	2	GC	12HB	SA35	12.87	0.02	0.38		SA36	12.77	0.02	0.30		O	
****	A	2	GC	12HC	SA35	13.03	0.04	1.85		SA36	12.93	0.11	1.97		O	
****	A	2	GC	12XX	SA35	12.80	0.00	-0.22		SA36	12.70	0.06	-0.38		O	
****	A	2	GC	12SC	SA35	12.84	0.06	0.10		SA36	12.76	0.03	0.25		O	
****	A	2	GC	12XX	SA35	12.74	0.03	-0.73		SA36	12.68	0.00	-0.55		O	
****	A	2	GC	12HB	SA35	12.78	0.04	-0.45		SA36	12.68	0.04	-0.64		O	
****	A	2	GC	12HB	SA35	12.81	0.01	-0.13		SA36	12.73	0.01	-0.12		O	
****	A	2	GC	12XX	SA35	12.77	0.04	-0.54		SA36	12.69	0.01	-0.54		O	
Count			8		Avg	12.83				Avg	12.74					
					Median	12.81				Median	12.71					
					STD	0.09				STD	0.08					
****	A	3	Near Infrared	13XX	SA35	12.81	0.00	-0.13		SA36	12.71	0.00	-0.28		O	
****	B	3	Near Infrared	13XX	SA35	12.81	0.00	-0.13		SA36	12.71	0.00	-0.28		O	
****	A	3	Near Infrared	13XX	SA35	12.84	0.03	0.15		SA36	12.72	0.02	-0.23		O	
****	A	3	Near Infrared	13AZ	SA35	12.83	0.00	0.06		SA36	12.74	0.00	0.04		O	
****	A	3	Near Infrared	13AZ	SA35	12.78	0.00	-0.40		SA36	12.66	0.00	-0.80		O	
****	A	3	Near Infrared	13XX	SA35	13.01	0.01	1.66		SA36	12.98	0.02	2.50		*	
****	A	3	Near Infrared	13XX	SA35	12.77	0.01	-0.54		SA36	12.67	0.01	-0.70		O	
****	A	3	Near Infrared	13AZ	SA35	12.83	0.01	0.01		SA36	12.74	0.01	-0.02		O	
****	A	3	Near Infrared	13AZ	SA35	12.76	0.01	-0.58		SA36	12.67	0.01	-0.70		O	
****	A	3	Near Infrared	13XX	SA35	12.75	0.00	-0.68		SA36	12.64	0.00	-1.01		O	
****	A	3	Near Infrared	13AM	SA35	12.77	0.01	-0.54		SA36	12.68	0.00	-0.59		O	
****	A	3	Near Infrared	13AZ	SA35	12.90	0.01	0.65		SA36	12.81	0.01	0.72		O	
****	A	3	Near Infrared	13AZ	SA35	12.84	0.01	0.10		SA36	12.75	0.00	0.14		O	

****	A	3	Near Infrared	13AZ	SA35	12.97	0.01	1.30	SA36	12.88	0.01	1.50	O	
****	A	3	Near Infrared	13AZ	SA35	12.82	0.01	-0.08	SA36	12.73	0.00	-0.07	O	
****	A	3	Near Infrared	13AZ	SA35	12.70	0.01	-1.13	SA36	12.57	0.04	-1.74	O	
****	A	3	Near Infrared	13AZ	SA35	12.86	0.01	0.29	SA36	12.76	0.01	0.19	O	
****	A	0	Near Infrared	10AZ	SA35	12.74	0.03	-0.77	SA36	12.66	0.01	-0.80	O	Moved
****	A	0	Near Infrared	10AZ	SA35	12.69	0.02	-1.27	SA36	12.61	0.04	-1.38	O	Moved
****	A	6	Near Infrared	16AZ	SA35	12.86	0.00	0.33	SA36	12.77	0.00	0.35	O	Moved
	Count		20		Avg	12.81			Avg	12.72				
					Median	12.81			Median	12.71				
					STD	0.08			STD	0.09				
****	A	4	Dist. / Density	14AP	SA35	12.78	0.00	-0.37	SA36	12.65	0.00	-0.94	O	
****	A	4	Dist. / Density	14AL	SA35	12.79	0.01	-0.35	SA36	12.70	0.00	-0.38	O	
****	A	4	Dist. / Density	14AQ	SA35	12.83	0.01	0.05	SA36	12.71	0.01	-0.24	O	
****	B	4	Dist. / Density	14CD	SA35	12.40	0.00	-3.89 X	SA36	12.40	0.00	-3.52 X	X	
****	A	4	Dist. / Density	14GB	SA35	12.60	0.00	-2.05	SA36	12.60	0.00	-1.43	O	
****	A	4	Dist. / Density	14AN	SA35	12.71	0.00	-1.02	SA36	12.63	0.00	-1.09	O	
****	A	4	Dist. / Density	14DD	SA35	12.30	0.00	-4.81 X	SA36	12.60	0.00	-1.43	X	
	Count		7		Avg	12.63			Avg	12.61				
					Median	12.71			Median	12.63				
					STD	0.21			STD	0.10				
****	A	6	FTIR	16FT	SA35	12.89	0.00	0.61	SA36	12.78	0.00	0.46	O	
****	A	6	FTIR	16FT	SA35	12.80	0.00	-0.22	SA36	12.77	0.00	0.35	O	
****	A	6	FTIR	16FT	SA35	12.75	0.01	-0.72	SA36	12.94	0.01	2.13	X	
****	A	6	FTIR	16FT	SA35	12.75	0.07	-0.68	SA36	12.70	0.00	-0.38	O	
****	A	6	FTIR	16FT	SA35	12.89	0.04	0.61	SA36	12.77	0.01	0.30	O	
****	A	6	FTIR	16FT	SA35	12.86	0.01	0.29	SA36	12.73	0.00	-0.07	O	
	Count		6		Avg	12.82			Avg	12.78				
					Median	12.83			Median	12.77				
					STD	0.07			STD	0.08				
****	A	7	Other	17SK	SA35	13.00	0.00	1.62	SA36	12.90	0.00	1.71	O	