

MAL-11A

American Society of Brewing Chemists
MALT CHECK SERVICE

11/30/2014

Sub #	Moisture (%)	% Extract - Fine Ground (D.B.)	% Extract - Coarse Ground (D.B.)	% Fine - Coarse Difference	Conversion Time (min)	Clarity of Wort (visual)	Color of Wort, 1/2" cell (ASBC)	Diastatic Power, Salt Ext. (Deg.)	Alpha-amylase, Salt Ext.	Soluble Protein	Total Malt Protein	Soluble/Total Protein (D.B.)
B 18	5.6	81.9	81.5	0.4	7-10	CLEAR	1.87	128		5.29	10.6	49.9
B 22	5.2	81.9	81.7	0.2	<5	CLEAR	2.10	141	77.3	5.16	11.1	46.5
B 25	5.6	81.7	81.5	0.2			2.12	156	64.6	5.10	10.8	47.4
B 27	5.4	81.8	81.6	0.2		CLEAR	2.30	143	76.1	4.78	11.5	41.7
B 30	5.7	82.2	81.5	0.7		CLEAR	1.94	136	71.9	5.39	11.4	47.3
B 31	5.8	82.3	81.2	1.0		CLEAR	2.07	157	70.8	5.32	11.6	45.9
B 32	5.8	82.4	81.7	0.7			1.84	145	82.2	5.21	11.0	47.4
B 42	5.6	82.4	81.7	0.7		CLEAR	2.35	132	67.9	5.17	10.8	47.8
B 43	5.8	82.7	81.7	1.0	5	CLEAR	1.92	144	58.2	4.98	10.9	45.8
B 48	5.6	83.0	82.2	0.8	7.1	CLEAR		140	72.6	5.09	10.7	50.8
B 54	5.6	83.0	82.0	1.0	5	CLEAR	1.80	152	69.2	5.46	11.8	46.1
B 55	* 4.8	81.3	80.7	0.6	5-7	CLEAR	1.93	142	83.6	5.40	10.7	50.8
B 95	* 4.2	80.8	80.5	0.3	5	CLEAR	1.90	129	83.5	5.10	10.6	48.3
B 109	6.1	83.7				HAZY	1.88	154	92.8	5.35	11.0	48.7
B 129	5.6	81.9	81.3	0.7	5	CLEAR	1.88	147	70.7	5.00	11.1	45.0
B 152	6.0	82.7	82.2	0.5	7-10	CLEAR	2.27	122	88.8	5.23	10.9	47.9
B 168	6.2	82.8	82.3	0.4	5	CLEAR	* 3.10					
B 180	5.9	82.2	81.2	1.0	5	CLEAR	1.84	126	61.4	5.04	11.9	42.3
B 183	6.0	84.2	82.9	1.4		CLEAR		146		5.30	10.9	48.7
B 189	5.8	82.6	81.6	1.0	5	CLEAR	1.94	145	74.1	5.06	11.7	43.3
N	18	20	19	19			17	19	17	19	19	19
Mean	5.7	82.4	81.6	0.7			2.00	141.3	74.5	5.18	11.1	46.9
Min	5.2	80.8	80.5	0.2			1.80	122	58.2	4.78	10.6	41.7
Max	6.2	84.2	82.9	1.4			2.35	157	92.8	5.46	11.9	50.8
Std	0.2	0.8	0.6	0.3			0.17	10.2	9.4	0.17	0.4	2.6

* Not Included in Mean

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Sub #	Growth of Acrospires					Screen Assortment				FAN (ppm)	Absolute Viscosity	Turbidity (NTU)	Beta Glucan wort (mg/L)
	0-1/4	1/4-1/2	1/2-3/4	3/4-1	Overgrown	On 7/64"	On 6/64"	On 5/64"	Thru 5/64"				
B 18										225.3	1.44		33
B 22						74.6	21.3	3.6	0.5			5.9	
B 25	0	0	4	66	30	76.8	19.2	3.6	0.4	237.0	1.47	7.0	55
B 27						70.5	25.6	3.2	0.7	234.0	1.47	10.0	40
B 30	0	0	0	87	13	78.8	16.3	4.4	0.5	228.0	1.47	4.1	72
B 31						82.4	15.2	2.4	0.0			8.0	76
B 32						73.3	21.6	4.9	0.2	217.0		6.5	37
B 42										223.0	1.48		36
B 43	1	2	5	89	3	79.1	16.9	3.6	0.4	237.0	1.45	9.0	45
B 48	5	4	9	81	1	75.8	17.8	6.8	0.7				
B 54										249.0	1.45	5.4	43
B 55										234.4	1.47		30
B 95	0	0	3	97	0	75.8	18.9	5.1	0.2	223.0	1.48	5.2	27
B 109	0	0	6	78	16	77.6	18.9	3.0	0.5	* 169.0	1.46		49
B 129	6	3	6	85	0	81.4	15.6	2.5	0.5	237.0	1.47	8.1	53
B 152	3	2	4	90	1	73.8	21.1	4.7	0.4	211.0	1.46		51
B 168											1.45	4.6	44
B 180	2	1	0	96	1	79.3	17.7	2.6	0.4	243.0	1.44	5.6	39
B 183													
B 189										222.0	1.47	6.7	52
N	9	9	9	9	9	13	13	13	13	14	15	13	17
Mean	1.9	1.3	4.1	85.4	7.2	76.9	18.9	3.9	0.4	230.0	1.46	6.6	46.0
Min	0.0	0.0	0.0	66.0	0.0	70.5	15.2	2.4	0.0	211.0	1.44	4.1	26.9
Max	6.0	4.0	9.0	97.0	30.0	82.4	25.6	6.8	0.7	249.0	1.48	10.0	76.0
Std	2.3	1.5	2.9	9.6	10.4	3.4	2.9	1.3	0.2	10.5	0.01	1.8	13.4

* Not Included in Mean

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