

MAL-5A

American Society of Brewing Chemists
MALT CHECK SERVICE

5/31/2014

<i>Sub #</i>	<i>Moisture (%)</i>	<i>% Extract - Fine Ground (D.B.)</i>	<i>% Extract - Coarse Ground (D.B.)</i>	<i>% Fine - Coarse Difference</i>	<i>Conversion Time (min)</i>	<i>Clarity of Wort (visual)</i>	<i>Color of Wort, 1/2" cell (ASBC)</i>	<i>Diastatic Power, Salt Ext. (Deg.)</i>	<i>Alpha-amylase, Salt Ext.</i>	<i>Soluble Protein</i>	<i>Total Malt Protein</i>	<i>Soluble/Total Protein (D.B.)</i>
B 18	4.2	80.7	* 79.7	1.0	7-10	CLEAR	1.61	109		4.48	10.0	44.8
B 22	4.2	81.9	81.6	0.3	<5	CLEAR	1.80	122	70.0	4.52	10.3	43.8
B 25	4.3	81.8	81.2	0.6			1.87	144	65.0	4.39	9.9	44.2
B 27	4.1	81.6	80.9	0.7		CLEAR	2.10	124	73.0	4.37	10.5	41.5
B 30	4.0	82.6	80.7	1.9		CLEAR	2.00	122	61.9	4.79	9.8	48.8
B 31	4.3	82.1	80.8	1.3		CLEAR	2.10	140	62.3	4.48	10.5	42.7
B 42	4.6	81.5	80.8	0.7			1.89	120	59.0	4.46	10.0	44.5
B 43	4.4	82.5	81.6	0.9	5	CLEAR	1.79	139	58.0	4.38	9.9	44.3
B 54	4.5	82.2	81.3	1.0	5	CLEAR	1.74	144	63.7	4.71	10.9	43.4
B 55	4.1	80.9	80.8	0.1	5-7	CLEAR	1.76	118	78.6	4.60	10.6	43.4
B 109	4.6	82.1				CLEAR	1.93	114	77.2	4.65	10.6	43.9
B 128	4.2	81.4	81.3	0.1				135	74.5	4.80	10.6	45.0
B 129	4.2	82.3	81.6	0.7	5	CLEAR	1.80	128	69.1	4.71	10.1	46.7
B 152	4.5	82.0	81.4	0.6	5-7	CLEAR	1.85	123	78.9	4.70	10.2	46.2
B 168	5.1	82.4	* 77.4	* 5.0	5-7	CLEAR	* 3.30					
B 169	4.3	81.5	80.8	0.7	5	OK	1.79	* 169	55.6	* 9.82	* 4.5	45.9
B 180	4.5	82.1	81.2	0.9	5	CLEAR	1.78	118	63.5	4.35	9.9	43.7
B 183	4.8	81.7	81.0	0.7		HAZY				4.55	10.1	44.9
B 189	4.2	81.5	80.5	1.0	5	CLEAR	1.95	128	68.7	4.65	10.4	44.7
N	19	19	16	17			16	16	16	17	17	18
Mean	4.4	81.8	81.1	0.8			1.86	126.8	67.4	4.56	10.3	44.6
Min	4.0	80.7	80.5	0.1			1.61	109	55.6	4.35	9.8	41.5
Max	5.1	82.6	81.6	1.9			2.10	144	78.9	4.80	10.9	48.8
Std	0.3	0.5	0.4	0.4			0.13	10.7	7.5	0.15	0.3	1.6

* 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										217.0	1.46		41
B 22						80.8	17.0	1.9	* 1.2			7.2	
B 25	2	2	2	72	22	84.9	13.3	1.5	0.4	195.0	1.49	9.0	55
B 27						82.4	16.3	0.9	0.3	207.0	1.49	10.2	41
B 30	1	0	5	84	10	86.9	11.1	1.8	0.2	206.0	1.49	11.5	60
B 31						85.5	13.0	1.3	0.2			9.0	63
B 42										190.0	1.49		48
B 43	3	4	4	86	3	86.7	11.9	1.2	0.2	188.0	1.48	7.1	53
B 54										204.0	1.48	6.4	50
B 55										192.2	1.51		24
B 109	0	2	6	68	24	85.1	13.4	1.1	0.4	216.0	1.46		50
B 128						84.3	13.9	1.5	0.2	193.0	1.44	6.9	41
B 129	3	4	5	77	11	83.2	14.2	2.2	0.4	209.0	1.50	7.8	65
B 152	0	5	3	79	13	82.2	15.0	2.5	0.3	199.0	1.49		41
B 168											1.46	* 1.0	37
B 169	0	0	2	93	5	81.0	16.2	2.0	* 0.8		1.47	6.3	31
B 180	0	0	3	88	9	85.4	12.7	1.7	0.2	198.0	1.47	7.1	56
B 183	1	3	3	90	3								
B 189										191.0	1.46	9.2	56
N	9	9	9	9	9	12	12	12	10	14	16	12	17
Mean	1.1	2.2	3.7	81.9	11.1	84.0	14.0	1.6	0.3	200.4	1.48	8.1	47.8
Min	0.0	0.0	2.0	68.0	3.0	80.8	11.1	0.9	0.2	188.0	1.44	6.3	24.3
Max	3.0	5.0	6.0	93.0	24.0	86.9	17.0	2.5	0.4	217.0	1.51	11.5	65.0
Std	1.3	1.9	1.4	8.4	7.6	2.1	1.8	0.5	0.1	9.6	0.02	1.6	11.3

* Not Included in Mean

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