

MAL-5B

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	3.5	80.6	79.6	1.0	7-10	CLEAR	2.24	145		5.98	11.9	50.4
B 22	3.0	81.6	81.3	0.3	<5	CLEAR	2.40	186	57.0	6.01	12.3	49.8
B 25	3.8	81.8	81.2	0.6			2.47	178	56.1	6.33	12.1	52.3
B 27	3.5	81.2	80.3	0.9		CLEAR	2.40	191	64.3	6.04	12.4	48.6
B 30	3.4	81.5	80.3	1.2		CLEAR	2.52	190	64.2	* 6.95	12.2	56.8
B 31	4.1	81.5	80.4	1.1		CLEAR	2.67	180	52.4	6.12	12.4	49.4
B 42	3.8	81.3	80.3	1.0			2.77	161	47.9	6.14	11.9	51.7
B 43	4.0	81.8	80.7	1.1	5	CLEAR	2.41	176	55.1	5.87	12.1	48.6
B 54	4.4	82.2	81.1	1.2	5	CLEAR	2.33	193	58.4	6.50	12.8	50.8
B 55	3.7	81.5	80.1	1.3	5-7	CLEAR	2.33	180	61.0	6.30	11.6	54.6
B 109	3.9	82.0				CLEAR	2.47	171	63.2	6.39	12.8	50.0
B 128	3.8	81.6	81.1	0.5				190	57.6	6.10	12.3	49.4
B 129	3.6	82.2	81.0	1.2	5	CLEAR	2.32	175	63.5	6.30	12.3	51.5
B 152	4.1	81.9	81.2	0.7	5-7	CLEAR	2.45	168	61.6	6.11	12.1	50.6
B 168	4.7	82.5	* 78.1	* 4.4	5-7	CLEAR	* 3.90					
B 169	3.6	81.3	80.6	0.7	5	OK	2.32	* 124	68.6	* 11.94	* 6.0	50.4
B 183	4.0	* 79.6	78.9	0.7		HAZY				5.98	12.1	49.5
B 189	4.1	81.6	80.5	1.1	5	CLEAR	2.51	187	61.5	6.37	11.8	53.6
N	18	17	16	16			15	15	15	15	16	17
Mean	3.8	81.7	80.5	0.9			2.44	178.1	59.5	6.17	12.2	51.1
Min	3.0	80.6	78.9	0.3			2.24	145	47.9	5.87	11.6	48.6
Max	4.7	82.5	81.3	1.3			2.77	193	68.6	6.50	12.8	56.8
Std	0.4	0.4	0.6	0.3			0.14	13.0	5.3	0.18	0.3	2.2

* 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										270.0	1.50		106	
B 22						62.8	31.0	5.2	1.0			6.2		
B 25	2	4	12	*	62	20	67.3	26.7	5.0	1.2	262.0	1.52	12.0	122
B 27							59.8	34.8	4.1	1.4	272.0	1.53	9.5	128
B 30	0	0	4		84	12	67.2	25.2	6.4	1.2	277.0	1.53	13.4	114
B 31							69.0	25.8	4.3	0.9			9.0	93
B 42											257.0	1.54		135
B 43	3	4	5		87	1	71.2	24.3	3.9	0.6	244.0	1.52	9.8	99
B 54											279.0	1.52	7.2	115
B 55											256.4	1.54		74
B 109	0	6	6		76	12	65.8	28.4	4.6	1.2	290.0	1.51		99
B 128							65.8	27.7	5.5	1.1	252.0	1.49	9.0	126
B 129	6	7	3		81	3	65.9	26.8	6.2	1.1	278.0	1.54	8.3	129
B 152	0	5	2		85	8	61.1	30.4	7.2	1.3	251.0	1.53		132
B 168											1.49	*	1.0	68
B 169	0	2	6		89	3	53.6	36.3	7.6	* 2.4	1.52		8.2	104
B 183	1	2	10		85	2								
B 189											268.0	1.49	8.9	107
N	8	8	8	7	8		11	11	11	10	13	15	11	16
Mean	1.5	3.8	6.0	83.9	7.6		64.5	28.9	5.5	1.1	265.9	1.52	9.2	109.4
Min	0.0	0.0	2.0	76.0	1.0		53.6	24.3	3.9	0.6	244.0	1.49	6.2	68.0
Max	6.0	7.0	12.0	89.0	20.0		71.2	36.3	7.6	1.4	290.0	1.54	13.4	135.0
Std	2.1	2.3	3.4	4.3	6.7		4.9	3.9	1.3	0.2	13.4	0.02	2.0	19.8

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