

MAL-2B

American Society of Brewing Chemists
MALT CHECK SERVICE

2/28/2014

<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	4.7	81.7	80.6	1.1	7-10	CLEAR	2.07	114		4.49	10.7	42.1
B 22	4.8	82.2	81.4	0.8	<5	CLEAR	2.10	128	64.7	4.86	11.2	43.4
B 25	5.1	82.0	81.5	0.5			2.25	149	65.1	4.83	10.9	44.4
B 27	4.4	81.4	80.7	0.7		CLEAR	2.40	134	80.4	4.77	11.5	41.4
B 30	4.7	82.0	81.0	1.0		CLEAR	2.26	122	69.5	5.04	11.7	43.1
B 31	4.5	81.8	80.6	1.2		CLEAR	2.21	142	64.4	4.80	11.4	42.1
B 32	4.8	80.9	80.9	0.8		CLEAR	2.17	134	63.2	4.80	11.4	42.1
B 42	4.8	81.8	81.1	0.7			2.39	113	61.1	4.74	11.0	43.2
B 43	4.9	83.2	82.3	1.0	5	CLEAR	2.13	128	58.1	4.81	11.3	42.7
B 54	4.8	82.5	81.5	1.1	5	CLEAR	2.12	136	60.9	4.97	11.9	41.9
B 55	4.5	81.6	81.8	-0.2	5-7	CLEAR	2.03	134	73.0	4.93	10.9	45.1
B 95	4.7	81.8	80.0	1.8	11	CLEAR	2.25	122	81.2	4.69	10.8	43.3
B 128	4.6	81.7	81.0	0.7				141	65.7	4.90	11.6	42.8
B 129	4.8	81.9	81.1	0.8	5	CLEAR	2.12	137	60.1	4.89	11.1	44.3
B 152	5.0	82.3	81.7	0.6	7	CLEAR	2.24	119	64.2	4.60	11.0	41.9
B 156	4.7	81.6	81.0	0.6	6	BRILLANTE	2.00	113	59.0	4.50	10.5	42.8
B 159	4.9	81.2	80.8	0.4	5	CLEAR	2.10	118	60.3	4.62	10.9	42.5
B 168	4.4	* 79.1	* 77.0	2.1	5-7	CLEAR	* 3.10					
B 169	4.7	81.5	80.8	0.7	5	CLEAR	2.02	121	67.2	4.73	10.7	44.1
B 180	5.1	82.0	81.1	0.9	5	CLEAR	2.14	124	60.6	4.71	11.1	42.3
B 183	5.0	82.5	81.1	1.3		CLEAR		114		4.39	11.1	39.6
B 189	4.9	82.1	81.1	1.0	5	CLEAR	2.34	140	66.9	4.80	11.3	42.5

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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										171.0	1.46		73
B 22						71.9	23.1	4.5	0.5				
B 25	0	0	0	96	4	76.6	19.6	3.5	0.3	180.0	1.47	7.0	76
B 27						69.2	26.7	3.5	0.6	169.0	1.47	6.6	64
B 30	0	0	1	95	4	78.3	17.0	4.3	0.4	198.0	1.48	6.3	65
B 31						75.4	20.5	4.1	0.0			5.0	97
B 32						72.4	23.3	5.1	0.2	174.0		5.8	47
B 42										170.0	1.47		78
B 43	3	3	3	89	2	76.0	20.4	3.2	0.4	179.0	1.47	4.8	61
B 54										182.0	1.47	4.3	81
B 55										173.0	1.47		26
B 95	3	5	5	87	0	74.1	19.9	5.4	0.5	167.0	1.50	5.2	65
B 128						75.1	20.9	3.7	0.4	182.0	1.42	4.6	61
B 129	0	0	2	90	8	73.6	21.5	4.6	0.3	193.0	1.46	8.4	80
B 152	4	3	4	76	13	71.8	22.4	5.4	0.5	184.0	1.45		46
B 156	4	1	5	90	0	70.7	23.9	4.7	0.7		1.46		
B 159	0	2	7	84	7	64.8	30.2	4.7	0.3		1.45	6.5	
B 168											1.44	4.7	86
B 169	0	2	2	96	0	66.8	26.3	5.7	1.2		1.44	5.8	
B 180	4	5	6	83	2	* 57.5	34.2	7.0	1.3	181.0	1.45	4.1	61
B 183													
B 189										184.0	1.46	6.2	57

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N	22	21	21	22			19	21	19	21	21	21
Mean	4.8	81.9	81.1	0.9			2.18	127.8	65.6	4.76	11.1	42.7
Min	4.4	80.9	80.0	-0.2			2.00	113	58.1	4.39	10.5	39.6
Max	5.1	83.2	82.3	2.1			2.40	149	81.2	5.04	11.9	45.1
Std	0.2	0.5	0.5	0.5			0.12	10.9	6.5	0.16	0.4	1.2

** Not Included in Mean*

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	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"				
N	10	10	10	10	10	14	15	15	15	15	18	15	17
Mean	1.8	2.1	3.5	88.6	4.0	72.6	23.3	4.6	0.5	179.1	1.46	5.7	66.1
Min	0.0	0.0	0.0	76.0	0.0	64.8	17.0	3.2	0.0	167.0	1.42	4.1	26.0
Max	4.0	5.0	7.0	96.0	13.0	78.3	34.2	7.0	1.3	198.0	1.50	8.4	97.0
Std	1.9	1.9	2.3	6.4	4.2	3.8	4.5	1.0	0.4	8.8	0.02	1.2	17.0

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